

AD-A220 231

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

1a. REPORT SECURITY CLASSIFICATION <u>Unclassified</u>		1b. RESTRICTIVE MARKINGS	
2a. SECURITY CLASSIFICATION AUTHORITY		3. DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; Distribution unlimited 2	
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE			
4. PERFORMING ORGANIZATION REPORT NUMBER(S) 149-88		5. MONITORING ORGANIZATION REPORT NUMBER(S)	
6a. NAME OF PERFORMING ORGANIZATION US Army-Baylor University Graduate Program in Health Care	6b. OFFICE SYMBOL (If applicable) Admin/HSHA-IHC	7a. NAME OF MONITORING ORGANIZATION DTIC ELECTED APR 09 1990 S D <i>(B)</i>	
6c. ADDRESS (City, State, and ZIP Code) Ft. Sam Houston, TX 78234-6100		7b. ADDRESS (City, State, and ZIP Code)	
8a. NAME OF FUNDING/SPONSORING ORGANIZATION	8b. OFFICE SYMBOL (If applicable)	9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER	
8c. ADDRESS (City, State, and ZIP Code)		10. SOURCE OF FUNDING NUMBERS	
		PROGRAM ELEMENT NO.	PROJECT NO.
		TASK NO.	WORK UNIT ACCESSION NO.
11. TITLE (Include Security Classification) A PROPOSED FORMULARY BASED ON THE IDENTIFICATION OF MEDICATIONS DETERMINED BY DIAGNOSES/PROBLEMS IN A TROOP MEDICAL CLINIC DURING CALENDAR YEAR 1983			
12. PERSONAL AUTHOR(S) LTC Homer J. Wright			
13a. TYPE OF REPORT Study	13b. TIME COVERED FROM <u>Jul 84</u> TO <u>Jul 85</u>	14. DATE OF REPORT (Year, Month, Day) <u>Aug 84</u>	15. PAGE COUNT <u>153</u>
16. SUPPLEMENTARY NOTATION			
17. COSATI CODES		18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) Medications, Formulary	
FIELD	GROUP	SUB-GROUP	
19. ABSTRACT (Continue on reverse if necessary and identify by block number) This study examined the most frequent diagnoses attended to by physicians in a troop medical clinic to compile a standard medication formulary. Sixty percent of the diagnoses encountered in this study fell into five general categories: respiratory, gastrointestinal, ENT, musculoskeletal and dermatological. Based on the frequency of use, most troop medical clinic pharmacies stock medications that are rarely used. This study identifies a standard formulary for use in troop medical clinic pharmacies.			
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT <input checked="" type="checkbox"/> UNCLASSIFIED/UNLIMITED <input type="checkbox"/> SAME AS RPT. <input type="checkbox"/> DTIC USERS		21. ABSTRACT SECURITY CLASSIFICATION	
22a. NAME OF RESPONSIBLE INDIVIDUAL Lawrence M. Leahy, MAJ(P), MS		22b. TELEPHONE (Include Area Code) <u>(512) 221-6345/2324</u>	22c. OFFICE SYMBOL <u>HSHA-IHC</u>

90 04 05 031

A PROPOSED FORMULARY
BASED ON THE IDENTIFICATION OF MEDICATIONS
DETERMINED BY DIAGNOSES/PROBLEMS IN A TROOP MEDICAL CLINIC
DURING CALENDAR YEAR 1983

A Graduate Research Project
Submitted to the Faculty of
Baylor University
In Partial Fulfillment of the
Requirements for the Degree
of
Master of Health Administration

by
LTC Homer J. Wright, MC

August 1984

88-04-001-031

To preserve health is a
moral and religious duty,
for health is the basis of
all social virtues. We can
no longer be useful when
not well.

---Samuel Johnson

ACKNOWLEDGEMENTS

This paper is the culmination of the support and assistance of many:

Brigadier General Darryl H. Powell, M.D., for his personal interest in this study; Colonel James B. Potin, for his support in developing the project; Colonel Richard C. Harder, Lieutenant Colonel Arthur L. Badgett, and First Lieutenant John Stewart for their educational and research assistance; Lieutenant Colonel David T. Zumek, for his advice and review of the proposed formulary; Mrs. Pat Griffin, for typing support; and Mrs. Pam J. Hall, for being a cheerful contact at the Academy of Health Sciences.

A special thanks goes to Major Van R. Booth, a friend and fellow classmate, and Lillian, my wife, for their perseverance throughout the program.

Words cannot begin to express my admiration and gratitude for Mrs. Elizabeth Pugsley. Again she was called on for her outstanding typing and editorial assistance. Although she has endured numerous residents and projects in the past, this was the first time she had to suffer two residents' projects and a new, computerized word processor system at the same time. So much for progress -- if residents could only be programmed?

LIST OF TABLES

TABLE

1. Frequency of Occurrence of Diagnoses/Problems and Medications.....	31
2. List of Most Frequent Diagnoses/Problems.....	47
3. List of Most Frequent OTC Medications for Each Medical System Category (With Frequency of Occurrence for Each Drug).....	51
4. List of Most Frequent Prescription Medications for Each Medical System Category (With Frequency of Occurrence for Each Drug).....	54
5. CY 83 OTC Medications With Dispensed Frequency.....	58
6. CY 83 Prescription Medications With Dispensed Frequency.....	59
7. Listing of Most Frequent Medications Overall With Percentage of Usage.....	62

Accession For	
NTIS CRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unpublished	<input type="checkbox"/>
Justification	
By	
Distribution	
Availability Codes	
Dist	A-1
Accession No.	
Serial No.	

LIST OF ILLUSTRATIONS

FIGURE

1. Delivery System.....	17
2. Expanding Modes of Ambulatory Care Delivery System...	18
3. Most Frequent Diagnoses/Problems With Frequency of Occurrence.....	48
4. Medical Systems Categories With Frequency of Occurrence.....	50

CHAPTER I

INTRODUCTION

Since World War II, there have been few in this country who have not enjoyed access to health care through either the federal or the private sector. As a percentage of the gross national product (GNP), health care has steadily increased from 4.4 percent in 1960 to 9.4 percent in 1980. This represents a dollar increase from \$12.7 billion in 1960 to \$247.2 billion in 1980.¹ This phenomenal rise is related in part to the rapid growth of the GNP but more importantly, reflects the heightened desire on the part of consumers to obtain health care and a greater disposition on the part of society to make it available.

However, today the phrase "financially distressed hospitals" becomes a point of concern when discussing the health care delivery system. Federally mandated Medicaid cuts and reductions in Medicare spending have compounded funding problems in many local or state governments. Not only has health care as a public service been affected, but also health care as a business. Hospitals are not the only component of health care being forced to look for alternate revenue in order to meet the demands of society. To help evaluate these factors and their effects, one must understand the detailed forms and structures of health care.

Organizationally, there are many health care delivery systems. However, the U.S. Health Care System is basically a dyad consisting of the federal government and civilian

organizations. The federal government, through legislative regulation, is intimately involved in all delivery systems, even though it pays less than 30 percent of all health care costs and operates only five percent of the nation's hospitals.² Health care in the federal sector is primarily provided through the Veterans' Administration (VA) or the Department of Defense (DoD) Health Care Delivery Systems. The VA operates 171 hospitals, over 200 outpatient clinics, and over 90 nursing homes³ while providing care for retired or disabled veterans of the United States military service. This health care system is funded as part of the larger VA budget; consequently, it is one of several veterans' programs competing for the same federal dollars.⁴ The VA system provides an adjunct treatment mode for the military. In most cases, a military person that is medically discharged from active duty can be immediately enrolled in the VA system.

The DoD provides a comprehensive medical process through the Army, the Navy, and the Air Force, which affords a full gamut of health care from small troop medical clinics or shipboard dispensaries to sophisticated medical centers. It places considerable emphasis upon preventive medicine while assuming responsibility for total care.⁵ The DoD health care system is funded as part of the Defense Budget and therefore must compete with other programs. The DoD system is funded by annual appropriation and is unique because it is all-inclusive for active duty military. However, future funding levels of the VA and DoD health systems are uncertain. Projections for 1990

indicate that 11.5 percent of the GNP will be spent on health care.⁶ In the United States today, as the ten percent level is exceeded one can see effort to effect trade-offs in health care expenditures. The trend both politically and economically is to cap federal government cost and protect and control all expenditures through legislation.

Within the Army, the Army Medical Department (AMEDD) is tasked to provide quality medical care to its uniformed service members. Therefore the Medical Department Activity (MEDDAC) or the Medical Center (MEDCEN) Commander must effectively utilize his/her resources to accomplish this mission. Furthermore, quality medical care is to be provided to the uniformed service members at the lowest echelon possible. A troop medical clinic (TMC) or battalion aid station (BAS) is the Army's lowest echelon medical treatment facility.

Background Information

The U.S. Army Medical Department provides ambulatory care for its uniformed service members primarily at troop medical clinics (TMCs). Madigan Army Medical Center (MAMC) at Fort Lewis, Washington has seven TMCs serving the uniformed service members. Each TMC has a physician or physician assistant (PA) as a member of the clinical staff. While physicians are "generally unlimited" to the types of medicines they can prescribe from the formulary list, PAs have a restricted formulary list from which to prescribe. However, not all of the TMCs stock the formulary

medicines that a PA can prescribe due to no Pharmacy Specialist (91Q) being assigned. Those TMCs without Pharmacy Specialists are restricted to dispensing over-the-counter (OTC) medications. One TMC (#5) has a Pharmacy Specialist and a limited formulary of OTC, prescription uncontrolled, and prescription controlled medicines. Another TMC (#1) is located in Building #4290 adjacent to the MAMC Pharmacy Annex. MAMC's staffing of this annex pharmacy includes a civilian registered pharmacist and therefore has essentially the same formulary used in ambulatory/outpatient care as the Main Pharmacy at MAMC. Consideration has been given to prepackaging some medications for the TMCs that have no Pharmacy Specialists. Some TMCs at Fort Hood, Texas; Fort Riley, Kansas; and Fort Bragg, North Carolina are provided prepackaged, noncontrolled prescription or OTC medicines. The medicines supplied by prepackage are generally those on the PA's approved formulary; however, when a physician is located in the TMC, the formulary could vary accordingly.

Conditions Which Prompted the Study

The importance of consumer auto-therapy is also recognized within the federal bureaucracy.⁷ The Department of Commerce has emphasized the desirability of self-care with OTC items by stating that "escalating costs of health care create a greater need for low cost self-medication than ever before."⁸ Seventy-five percent of all illnesses and injuries are initially treated through self-care and OTC medications. If a small percentage

of self-treatment patients were shifted to medical practitioners, it would disrupt the U.S. health care system.⁹ While this may be true for the civilian sector, in a TMC setting all patients must be screened by physician extender personnel (medics), at a minimum, before they can receive OTC medications from the Pharmacy. However, even uniformed service members can self-medicate by OTC medications purchased from Exchanges or civilian drug stores. It is estimated that annual sales of OTC medications to Americans are close to eight billion dollars.¹⁰

Several OTC products in the past contained many ingredients for a "hit-or-miss" situation. Some of these medications are now known to be largely ineffective and in some cases, outright toxic. However, the Food and Drug Administration began an in-depth evaluation in 1979 of OTC drug products. Seventeen advisory panels comprised of scientists, clinicians, pharmacists, toxicologists and other experts are reviewing the ingredients of all OTC items for safety and effectiveness, when used alone and in combination, and for claims made for them.¹¹ Some of their recommendations have already caused significant changes in several therapeutic categories.¹²⁻¹⁶

At MAMC during the first half of Fiscal Year (FY) 1984, drug acquisition costs and drug prescribing have continued to escalate while the Pharmacy budget was cut some \$200,000 over FY 83 due to a funding shortage at U.S. Army Health Services Command.¹⁷ This has caused the Commander and the Therapeutic Agents Board to devise cost containment measures. One area being scrutinized is

OTC medications. What will be the deletions/restrictions not only for OTC medications but for prescription drugs? What actions will cause a turmoil or misunderstanding among both patients and staff? Since OTC medications are dispensed frequently from TMCs, what effect will it have on uniformed service members? These questions have generated a problem that has not been previously studied -- what formulary would support the diagnostic/problematic distribution of the TMC population?

Problem Statement

This study concerns the identification of those medications most frequently dispensed in a TMC, with the expectation that such a listing of medications for common and frequent diagnoses/problems may serve as the basis for a standardized formulary.

This study addressed the following research questions:

- (1) What are the most frequent diagnoses/problems attended to by physicians/PAs in a TMC during calendar year 1983?
- (2) What medical systems categories of diagnoses/-problems occur most frequently in a TMC during calendar year 1983?
- (3) What are the most frequent OTC medications determined for each diagnosis/problem attended to by physicians/PAs in a TMC during calendar year 1983?

(4) What are the most frequent prescription medications determined for each diagnosis/problem attended to by physicians/PAs in a TMC during calendar year 1983?

(5) What are the most frequent OTC medications determined for each medical system category of diagnoses/problems attended to by physicians/PAs in a TMC during calendar year 1983?

(6) What are the most frequent prescription medications determined for each medical system category of diagnoses/-problems attended to by physicians/PAs in a TMC during calendar year 1983?

Research Objectives

(1) Identify/determine the most frequent diagnoses/-problems attended to by physicians/PAs in a TMC during calendar year 1983.

(2) Identify/determine the medical systems categories of diagnoses/problems that occurred most frequently in a TMC during calendar year 1983.

(3) Identify/determine the most frequent OTC medications determined for each diagnosis/problem attended to by physicians/PAs in a TMC during calendar year 1983.

(4) Identify/determine the most frequent prescription medications determined for each diagnosis/problem attended to by physicians/PAs in a TMC during calendar year 1983.

(5) Identify/determine the most frequent OTC medications determined for each medical system category of diagnoses/-

problems attended to by physicians/PAs in a TMC during calendar year 1983.

(6) Identify/determine the most frequent prescription medications determined for each medical system category of diagnoses/problems attended to by physicians/PAs in a TMC during calendar year 1983.

Criteria

(1) Any diagnosis/problem treated with medication(s) by a physician/PA at the TMC level will be included.

(2) Any medical system category will be included if it is delineated by a diagnosis/problem treated with medication(s) by a physician/PA at the TMC level.

(3) Any OTC or prescription medication used by a physician/PA at the TMC level to treat a diagnosis/problem will be included.

Assumptions

(1) Although there is a constant turnover in uniformed service members, the overall demographic factors remain relatively unchanged.

(2) The existing garrison health care system will not significantly change physically or geographically.

(3) The uniformed service members seen at TMC #1 are a representative sample of the active duty military population at Fort Lewis.

(4) The health problems seen at a TMC do not change significantly from year to year.

(5) Treatment rendered is appropriate for the problem presented.

Limitations

(1) The distribution of diagnoses/problems was derived from a retrospective review of the problems seen at TMC #1 at Fort Lewis, Washington from 1 January 1983 to 31 December 1983.

(2) Diagnoses/problems beyond the scope of care provided at TMC #1 was excluded. (Patients that must be referred for further diagnostic or therapeutic intervention, self-referrals to MAMC's outpatient clinics, and obstetric patients were excluded.)

(3) The study was limited to the topical or oral medications used in an ambulatory setting.

(4) Visits for routine valuations (physicals, weight standard compliance, occupational health screens, etc.) that do not require medications were excluded from the diagnostic/problematic distribution.

(5) There was no control over possible outside influences (drug representatives or personal usage) on physicians/PAs as to which medication was dispensed.

(6) The study did not account for physician/PA experience nor years at determining/prescribing medications.

(7) This research studied only the written outcome of diagnoses/problems annotated in the patient's medical records and not the initial symptoms/complaints.

Literature Review

The literature reviewed for this study concentrated on formulary systems, medical diagnosis/problem classification systems and ambulatory patient care delivery systems. The organization of this review follows that order.

Formulary Systems

In 1964 the American Society of Hospital Pharmacists (ASHP) in conjunction with the American Medical Association, The American Hospital Association, and the American Pharmaceutical Association produced a statement of guiding principles on how the hospital formulary system should work.¹⁸ That statement placed "the authorization and implementation of the formulary system in the hands of the pharmacy and therapeutics committee," a committee of the medical staff.¹⁹ Those initial principles of the hospital formulary system fashioned pharmacy's most effective programs for influencing the quality and cost of institutional patient care.²⁰

Under contemporary hospital formulary systems, the pharmacist has "authority to select the brand or supplier of medication dispensed" unless the prescriber makes a specific notation to the contrary.²¹ In a recent study of hospital

pharmacy services, this practice occurred in 90 percent of U.S. short-term hospitals.²²

In 1983, the ASHP defined (see Special Definitions) and updated its policy statement on the formulary system. The preamble stated, "To be effective, the formulary system must have the approval of the organized medical staff, the concurrence of individual staff members, and the functioning of a properly organized pharmacy and therapeutics committee of the medical staff."²³ Furthermore, it was stated that the formulary system is adaptable for use in any type of health-care facility and is not limited to hospitals.²⁴ The ASHP recommended that hospitals and other facilities adopt the following formulary system:

1. The medical staff shall appoint a multi-disciplinary pharmacy and therapeutics committee and outline its purposes, organization, function, and scope.
2. The formulary system shall be sponsored by the medical staff based upon the recommendations of the pharmacy and therapeutics committee. The medical staff should adapt the principles of the system to the needs of the particular institution.
3. The medical staff shall adopt written policies and procedures governing the formulary system as developed by the pharmacy and therapeutics committee. Action of the medical staff is subject to the normal administrative approval process. These policies and procedures shall afford guidance in the evaluation or appraisal, selection, procurement, storage, distribution, safe use, and other matters relating to drugs, and shall be published in the institution's formulary or other media available to all members of the medical staff.
4. Drugs should be included in the formulary by their nonproprietary names, even though proprietary names may be in common use in the institution. Prescribers should be strongly encouraged to prescribe drugs by their nonproprietary names.

5. Limiting the number of drug entities and drug products routinely available from the pharmacy can produce substantial patient care and (particularly) financial benefits. These benefits are greatly increased through the use of generic equivalents (drug products considered to be identical with respect to their active components; e.g., two brands of tetracycline hydrochloride capsules) and therapeutic equivalents (drug products differing in composition or in their basic drug entity that are considered to have very similar pharmacologic and therapeutic activities; e.g., two different antacid products or two different alkylamine antihistamines.) The pharmacy and therapeutics committee must set forth policies and procedures governing the dispensing of generics and therapeutic equivalents. These policies and procedures should include the following points:

- That the pharmacist is responsible for selecting, from available generic equivalents, those to be dispensed pursuant to a physician's order for a particular drug product.
- That the prescriber has the option, at the time of prescribing, to specify the brand or supplier of drug to be dispensed for that particular medication order/prescription. The prescriber's decision should be based on pharmacologic or therapeutic considerations (or both) relative to that patient.
- That the pharmacy and therapeutics committee is responsible for determining those drug products and entities (if any) that shall be considered therapeutic equivalents. The conditions and procedures for dispensing a therapeutic alternative in place of the prescribed drug shall be clearly delineated.

6. The institution shall make certain that its medical and nursing staffs are informed about the existence of the formulary system, the procedures governing its operation, and any changes in those procedures. Copies of the formulary must be readily available and accessible at all times.

7. Provision shall be made for the appraisal and use of drugs not included in the formulary, by the medical staff.

8. The pharmacist shall be responsible for specifications as to the quality, quantity, and source of supply of all drugs, chemicals, biologicals, and pharmaceutical preparations used in the diagnosis and treatment of

patients. When applicable, such products should meet the standards of the United States Pharmacopeia.²⁵

Medical Diagnosis/Problem Classification Systems

Classification is fundamental to the quantitative study of any phenomenon. Therefore, in the study of illness and injuries a standard classification for statistical purposes is essential. Often a statistical classification is confused with that of a nomenclature. Basically, a medical nomenclature is "a list or catalogue of approved terms for describing and recording clinical and pathological observations."²⁶ A nomenclature list should be extensive so that any pathological condition can be accurately recorded, whereas a statistical classification of diseases should be confined to a limited number of categories which will encompass the entire range of morbid conditions. Over a century ago, William Farr summarized the aims of statistical classification of disease as:

The causes of death were tabulated in the early Bills of Mortality (Tables mortuaires) alphabetically; and this course has the advantage of not raising any of those nice questions in which it is vain to expect physicians and statists to agree unanimously. But statistics is eminently a science of classification; and it is evident, on glancing at the subject cursorily, that any classification that brings together in groups diseases that have considerable affinity, or that are liable to be confounded with each other, is likely to facilitate the deduction of general principles.

Classification is a method of generalization. Several classifications may, therefore, be used with advantage; and the physician, the pathologist, or the jurist, each from his own point of view, may legitimately classify the diseases and the causes of death in the way that he thinks best adapted to facilitate his inquiries, and to yield general results.

The medical practitioner may find his main divisions of diseases on their treatment as medical or surgical; the pathologist, on the nature of the morbid action or product; the anatomist or the physiologist on the tissues and organs involved; the medical jurist, on the suddenness or the slowness of the death; and all these points well deserve attention in a statistical classification.

In the eyes of national statistics the most important elements are, however, brought into account in the ancient subdivision of diseases into plagues, or epidemics and endemics, into diseases of common occurrence (sporadic diseases), which may be conveniently divided into three classes, and into injuries the immediate results of violence or of external causes.²⁷

During the 18th and 19th centuries there were several attempts to classify diseases. However, it was not until 1891 that an International List of Causes of Death was produced. International conferences for the revision of this list occurred in 1900, 1909, 1920, 1929 and 1938. The sixth revision of this International List in 1946 yielded a list of 612 categories of diseases and morbid conditions, plus 153 categories for classification of the external cause of injury and 189 categories for characterization of injuries according to the nature of the lesion.²⁸ Also, the decimal system of numbering was added to permit the introduction of new categories at later revisions without upsetting the basic numbering of other categories. In 1950, the International Classification of Diseases (ICD) for indexing medical records was used in the hospitals of the U.S. Public Health Service and the VA.²⁹ During this time another coding system, the Standard Nomenclature of Diseases and Operations, was still widely used. However, by 1959 the hospital scene had changed so drastically that the American Hospital

Association and the American Association of Medical Record Librarians studied the use of ICD for indexing medical records. The study found that the ICD, properly modified, was the more efficient of the two systems.³⁰ By 1968, more than two-thirds of all hospitals in the United States indexed medical records by ICDA. Since then further revisions and modifications have occurred. Currently the majority of hospitals are using the International Classification of Diseases, 9th Revision, Clinical Modification (ICD.9.CM) that became effective 1 January 1979.³¹ The ICD.9.CM was to provide one classification of diseases, injuries, impairments, symptoms, and causes of death to supplant the three or four classification schemes that had confounded and confused clinical and statistical comparisons in the United States for a decade.³² However, other classification systems evolved.

In 1974 the National Center for Health Statistics (NCHS) developed a classification system based on patient's symptoms, complaints, problems and reasons for seeking ambulatory medical care.³³ The primary axis of this classification system was to conform to the ICDA system by principal anatomical site. However, a relatively large number of symptoms could not be classified rationally to any one anatomical site and some deviations proved necessary.³⁴ Basically this classification is divided into thirteen classes:

I. General (Nonspecific)

II. Nervous

- III. Skin, Nails, and Hair
- IV. Cardiovascular and Lymphatic Systems
- V. Respiratory
- VI. Musculoskeletal
- VII. Digestive
- VIII. Urinary
- IX. Male Reproductive
- X. Female Reproductive
- XI. Eyes and Ears
- XII. Mental Health
- XIII. Nonsymptomatic³⁵

In 1979, NCHS developed a "Reason for Visit Classification (RVC) for ambulatory care. The emphasis of the RVC was on the patient's motivation for seeking medical care and his perspective of the problems or reasons for the visit.³⁶ This conceptual difference distinguished the RVC from the ICD.9.CM.

Another method of grouping diagnoses/problems is by physiological systems. Since the Merck Manual uses this format, it is one of the most widely used of all medical textbooks. Furthermore, the Merck Manual has been thoroughly revised and rewritten for its 12th edition.

Ambulatory Care Delivery Systems

Health care may be described in terms of the delivery system. A delivery system may be simply defined as a channel of

distribution moving a product or service to the consumer or user.³⁷

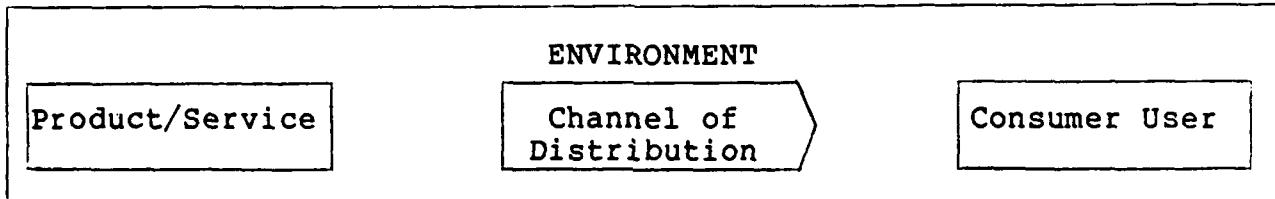


Figure 1. Delivery System³⁸

Hence, health care can be divided into three main components as to where care is rendered: (1) Outpatient (ambulatory care); (2) Inpatient (hospitalization); and (3) Long-term Care (nursing home or rehabilitation centers).

R. Danielle Federa, Vice President and Manager of Consulting Services in Amherst's Northeastern region, recently stated:

The range of services offered in free-standing and institutional settings is undergoing radical redefinition. Hospitals are the victim of a changing environment -- an environment which is oriented towards instant access and price sensitivity. In this environment emerges a complex array of new delivery systems as alternatives to the typical acute care hospital.³⁹

Numerous articles reflect these dynamic changes.⁴⁰⁻⁵¹ Hospitals are diversifying to meet the competition from these expanding modes of ambulatory health care. Although the hospital system will continue to be an important component of health care, many services will be delivered in the ambulatory setting. Some of these services already utilizing the ambulatory care delivery system are pictured in Figure 2.

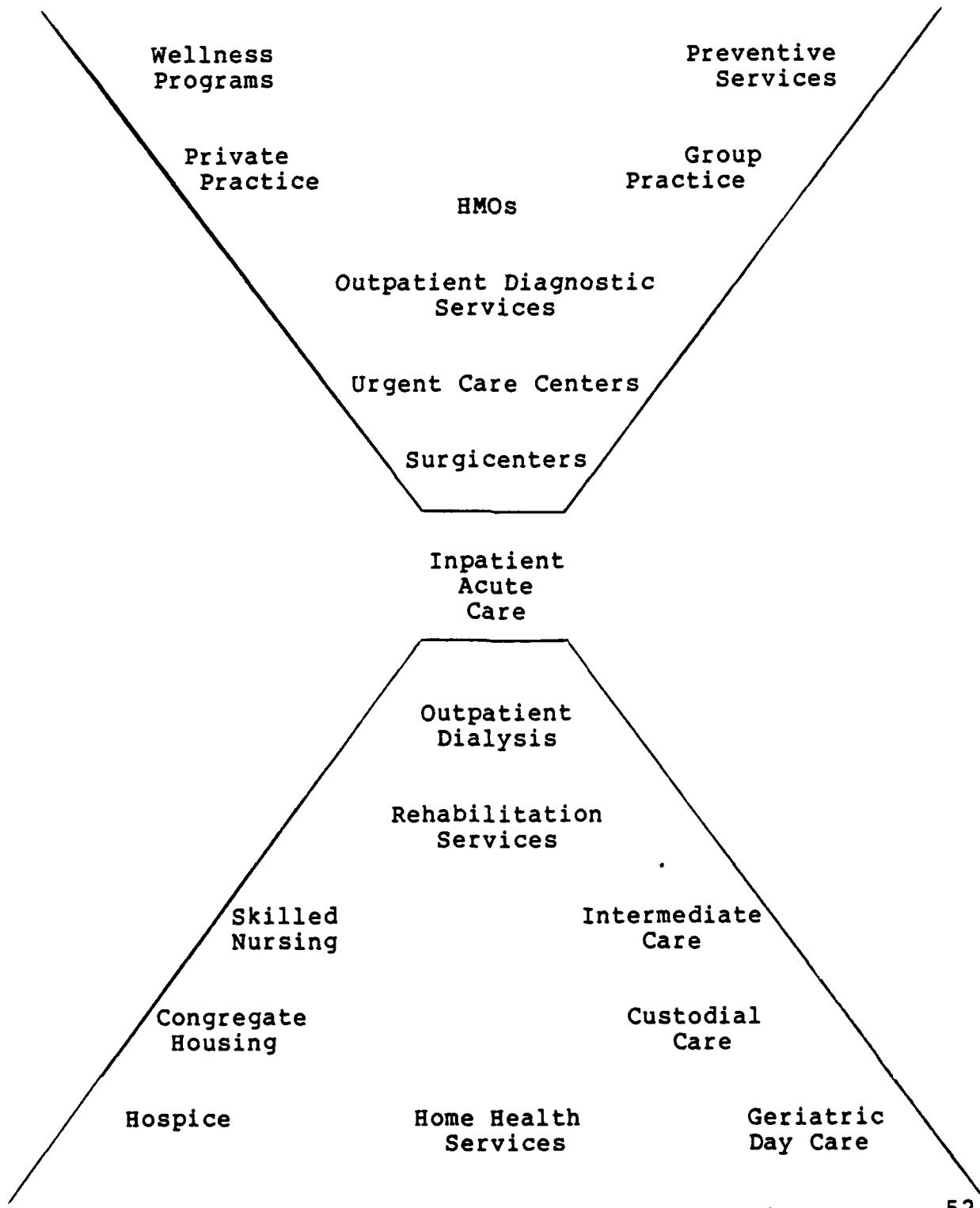


Figure 2. Expanding Modes of Ambulatory Care Delivery System⁵²

My literature review revealed no published or unpublished study that proposes a formulary for a TMC (or similar facility) based on the diagnostic/problematic distribution.

Special Definitions

(1) Uniformed Service Members: This term includes all non-pregnant, active duty Army personnel, reserves on active duty, and ROTC cadets training at Fort Lewis, Washington.

(2) Troop Medical Clinic: A term used to describe a small, free-standing ambulatory health care facility serving only uniformed service members on an Army installation.

(3) Over-the-Counter Medication: A medication which is advertised and sold directly to the public without prescription.

(4) Prescription Medication: A medication available to the public only upon prescription. The availability of such drugs is thus limited because the drug is considered dangerous if used without a physician's or physician assistant's supervision.

(5) Formulary: A listing of drugs by generic and/or brand name that includes a sufficient range of medicines to enable physicians or physician assistants to prescribe medically appropriate treatment for all reasonably common illnesses.

(6) Formulary System: A method whereby the medical staff of an institution, working through the pharmacy and therapeutics committee, evaluates, appraises, and selects from among the numerous available drug entities and drug products those that

are considered most useful in patient care. Only those so selected are routinely available from the pharmacy. The formulary system is thus an important tool for assuring the quality of drug use and controlling its cost. It provides for the procuring, prescribing, dispensing, and administering of drugs under either their nonproprietary or proprietary names in instances where drugs have both names.

Research Methodology

When a patient is seen at TMC #1 an entry is made in his/her medical record. This entry includes the diagnosis/problem the patient was seen for, the medications/treatment rendered, and the disposition of the patient. Therefore the distribution of diagnoses/problems and medications dispensed were obtained by a retrospective review of the uniformed service members' medical records kept at TMC #1.

The medical systems categories used for the classification system are found in the Merck Manual.⁵³ However, some of these categories were not used because those diagnoses/problems were beyond the scope of care provided at TMC #1. Furthermore, the infectious diseases and allergic disorders were accounted for by the organ or system effected. Therefore the medical systems categories are:

- (1) Hematologic
- (2) Cardiovascular
- (3) Respiratory

- (4) Genitourinary
- (5) Gastrointestinal
- (6) Gynecological
- (7) Ear, Nose and Throat
- (8) Dental and Oral
- (9) Ophthalmic
- (10) Musculoskeletal and Connective Tissues
- (11) Neurologic
- (12) Psychiatric
- (13) Dermatologic
- (14) Disorders Due to Physical Agents
- (15) Venereal Diseases
- (16) Poisoning

The above medical systems categories with specific diagnoses/problems under each category were used to develop the distribution of diagnoses/problems and the medications used to treat the disorders. This was accomplished by determining:

- (1) the most frequent diagnoses/problems attended to by physicians/PAs in TMC #1 during CY 1983;
- (2) the medical systems categories of diagnoses/-problems that occurred most frequently in TMC #1 during CY 1983;
- (3) the most frequent OTC medications determined for each diagnosis/problem attended to by physicians/PAs in TMC #1 during CY 1983;

(4) the most frequent prescription medications determined for each diagnosis/problem attended to by physicians/-PAs in TMC #1 during CY 1983;

(5) the most frequent OTC medications determined for each medical system category of diagnoses/problems attended to by physicians/PAs in TMC #1 during CY 1983; and

(6) the most frequent prescription medications determined for each medical system category of diagnoses/problems attended to by physicians/PAs in a TMC during CY 1983.

The information obtained from the above questions provided a list of the most frequent medications used overall in TMC #1 and may serve as the basis for a standardized formulary to be used in a TMC setting for treating common and frequent diagnoses/problems.

FOOTNOTES

¹U.S. Department of Commerce, Statistical Abstract of the United States, 1981, 102nd ed. (Washington, D.C.: Government Printing Office, 1981), pp. 96-99.

²American Hospital Association (AHA), Hospital Statistics (Chicago: AHA, 1981), pp. 4-7.

³Frank J. Thompson, Health Policy and the Bureaucracy: Politics and Implementation (Cambridge: M.I.T. Press, 1981), p. 186.

⁴Stephen J. Williams and Paul R. Torrens, Introduction to Health Services (New York: John Wiley and Sons, 1980), p. 27.

⁵Ibid, p. 24.

⁶Margaret C. Thompson, Health Policy: The Legislative Agenda (Washington, D.C.: Congressional Quarterly, Inc., 1980), pp. 2-3.

⁷Thomas A. Gossel, "Over-the-Counter: The Trend to Self-Medication," U.S. Pharmacist, Sept. 1981, vol. 6, No. 8, p. 14.

⁸Ibid, p. 14.

⁹Ibid, p. 14.

¹⁰Ibid, p. 14.

¹¹Ibid, p. 14.

¹²J. Richard Wuest, "OTC Drugs: How-and-Why Prescription Drugs Became OTC," U.S. Pharmacist, Sept. 82, vol. 7, No. 9, p. 24.

¹³J. Richard Wuest, "OTC Review: The Changing OTC Market," U.S. Pharmacist, April 82, vol. 7, No. 4, p. 28.

¹⁴Thomas A. Gossel, "O-T-C Drugs: OTC Drug Products Review II," U.S. Pharmacist, May 82, vol. 7, No. 5, p. 24.

¹⁵Thelma C. Holsomback, "Sales Warranties: OTC Drugs," U.S. Pharmacist, Nov 83, vol. 8, No. 11, p. 19.

¹⁶Thomas A. Gossell, "OTC: Nasal Decongestants," U.S. Pharmacist, Nov 83, vol. 8, No. 11, p. 39.

¹⁷Pharmacy Bulletin, Madigan Army Medical Center, Tacoma, Washington 98431, No. 1 - FY 84, 20 Mar 84.

¹⁸"Statement of Guiding Principles on the Operation of the Hospital Formulary System," American Journal of Hospital Pharmacy, Sept. 1964, vol. 21, pp. 40-41.

¹⁹"The Contemporary Hospital Formulary System {Editorial},"American Journal of Hospital Pharmacy, Aug. 1983, vol. 21, No. 8, p. 1313.

²⁰Ibid.

²¹Ibid.

²²M. H. Stolar, "National Survey of Hospital Pharmaceutical Services - 1982," American Journal of Hospital Pharmacy, July 1983, vol. 40, pp. 963-969.

²³"American Society of Hospital Pharmacists Statement on the Formulary System," American Journal of Hospital Pharmacy, Aug 1983, vol. 40, No. 8, pp. 1384-1385.

²⁴Ibid.

²⁵Ibid.

²⁶Introduction, Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death, Sixth Revision, 1948, vol. 1, World Health Organization, Geneva, Switzerland.

²⁷Ibid.

²⁸Ibid.

²⁹Introduction to Hospital Adaptation of ICDA, VOL. I, Tabular List, Commission on Professional and Hospital Activities, Ann Arbor, Michigan, Nov. 1968.

³⁰Ibid.

³¹Introduction to The International Classification of Diseases, 9th Edition, Clinical Modification, vol. 1, Diseases - Tabular List, Edwards Brother, Inc., Ann Arbor, Michigan, 1978.

³²Ibid.

33 "The National Ambulatory Medical Care Survey: System Classification," Vital and Health Statistics, Series 2, No. 63, U.S. Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, 1974, p. 1.

34 Ibid, p. 5.

35 Ibid, p. 5.

36 "A Reason for Visit Classification for Ambulatory Care," Vital and Health Statistics, Series 2, No. 78, U.S. Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, 1979.

37 R. Danielle Federa, "Emerging Alternative Delivery System," Amherst Quarterly, vol. 2, No. 1, Spring 1984, p. 2.

38 Ibid.

39 Ibid.

40 R. A. Wilson, "An Ambulatory Ventricular Function Monitor: Validation and Preliminary Clinical Results," American Journal of Cardiology, vol. 52, No. 5, 1 Sept. 1983, pp. 601-606.

41 H. W. Koeningsberg, "A Comparison of Hospitalized and Nonhospitalized Borderline Patients," American Journal of Psychiatry, vol. 139, No. 10, Oct 1982, pp. 1291-1297.

42 R. S. Ackart, "Fiberoptic Bronchoscopy in Outpatient Facilities," Archives of Internal Medicine, vol. 143, No. 1, Jan 1983, pp. 30-31.

43 M. A. Jackson, "Long-Term Home Parenteral Nutrition," British Journal of Hospital Medicine, vol. 29, No. 2, Feb 1983, pp. 105-116.

44 F. Amini, "A Controlled Study of Inpatient vs Outpatient Treatment of Delinquent Drug Abusing Adolescents," Comparative Psychiatry, vol. 23, No. 5, Sept.-Oct. 1982, pp. 436-444.

45 R. Schneeweiss, "Diagnosis Clusters: A New Tool for Analyzing the Content of Ambulatory Medical Care," Medical Care, vol. 21, No. 1, Jan 1983, pp. 105-122.

46 S. J. Rehm, "Home Intravenous Antibiotic Therapy: A Team Approach," Annals of Internal Medicine, vol. 99, No. 3, Sept. 1983, pp. 388-392.

47 "Freestanding Facilities {Letter}," Annals of Emergency Medicine, vol. 12, No. 3, Mar. 1983, pp. 190-193.

48 S. H. Altman, "The Cost of Ambulatory Care in Alternative Settings: A Review of Major Research Findings," Annual Review of Public Health, Feb 1981, pp. 117-143.

49 S. Sarkar, "Pain Centers: An Alternative for Management of Chronic Pain," Health Care Management Review, vol. 7, No. 4, Fall 1982, pp. 77-84.

50 C. Katz, "Free-Standing Treatment Centers," Post-graduate Medicine, vol. 74, No. 2, Aug. 1983, pp. 291-294.

51 M. W. Tenneville, "Marketing of a Military Ambulatory Surgical Center," Military Medicine, vol. 147, No. 11, Nov. 1982, pp. 963-966.

52 J. Black, "Role of Ambulatory Care in Developing a Strategic Plan," The Journal of Ambulatory Care Management, Feb. 1983, p. 6.

53 David N. Holvey, The Merck Manual, Twelfth Edition, Merck and Co., Inc., Rahway, N.J., 1972.

CHAPTER II

DISCUSSION

There are seven TMCs located at various areas on the Fort Lewis installation. To begin the study, TMC #1 was selected as the research site because of the following:

(1) The medical care providers consisted of two physicians and two PAs (some TMCs had only one physician or no PAs);

(2) This was the only TMC with a co-located MAMC Annex Pharmacy and therefore had an "unlimited" formulary for choice of medications (the Annex Pharmacy had the same formulary as the MAMC Main Pharmacy);

(3) There were no special units (i.e., aviation units) supported by TMC #1 that required special medications; and

(4) None of the supported units had sufficient personnel to operate BASs so TMC #1 was the first contact point for uniformed service members seeking care.

Sample Size

TMC #1 maintained approximately 4500 medical records during calendar year 1983. These records were separated according to the military unit to which the uniformed service member was assigned. The records within these unit designated arrangements were filed according to the last four numbers of the uniformed service members' social security number. Therefore a random selection of records was accomplished by using systematic

sampling (every third record) following a random start.¹ A total of 1500 records were reviewed for the following information: (1) Diagnoses/Problems; (2) OTC Medications; and (3) Prescription Medications.

Mr. Martin, Medical Records Clerk, TMC #1 estimated that approximately 50 percent of the uniform service members supported by TMCs were seen at least once during CY 83 and received medication(s) for a diagnosis/problem.² (The actual calculated percentage from the 1500 records reviewed from TMC #1 was 60 percent.) Hence, if 1500 records were sampled, the resulting 750 records could be expected to contain diagnoses/problems and provide a 99 percent confidence interval for the percent distribution of diagnoses/problems, with a maximum error of plus or minus five percent.

This was calculated by using the following equation:

$$n = \frac{z^2 p(1-p)}{d^2}$$

Where:

n = sample size = 750

p = estimate of true proportion in population of diagnoses/problems requiring medication. Since this estimate was unknown, .5 was used to obtain the largest sample necessary for a reliable sample.

d = the acceptable width of the difference of the sample proportion from the true population proportion. In this case, plus or minus .05 was used.

$$750 = \frac{z^2(0.5)(1.0-0.5)}{(.05)^2}$$

$$z^2 = 7.5$$

$$z = 2.74$$

The probability that z value falls between plus or minus 2.74 is 0.993 (a 99 percent confidence interval).

Research Data

A total of 1500 records were reviewed for diagnoses/problems and OTC and/or prescription medications dispensed (see Appendix A). Of the 1500 records reviewed, 603 yielded no visits or medications received within the period specified and within the limitations of this study. If a uniformed service member had been seen at another TMC on this installation or on another installation before assignment to Fort Lewis, those visits were not annotated. Clinic visits for routine evaluations (physicals, weight standard compliance, occupational health screens, etc.) were not recorded unless medications were received for a diagnosis/problem during those evaluations. Furthermore, all diagnoses/problems beyond the scope of care provided at the TMC level was excluded (all obstetric patients). Any patient referred for further diagnostic or therapeutic intervention and self-referral patients to MAMC's outpatient or specialty clinics were not recorded unless the patient was seen at TMC #1 for that specific diagnosis/problem and received medications for same. Routine follow-up visits to check patient's progress where no

medications were dispensed were not recorded. Only the topical and oral medications used to treat the patient were annotated.

Most Frequent Diagnoses/Problems

Descriptive statistics in terms of frequency counts were used to reduce the large research data base to manageable summaries. The frequency of occurrence of diagnoses/problems as well as the medications dispensed were determined. To further manage the research data, the Merck Manual was utilized for delineating medical systems categories.³ This allowed the diagnoses/problems most frequently seen in TMC #1 during CY 83 to be categorized by medical systems categories. Furthermore, the frequency of OTC and prescription medications dispensed for each diagnosis/problem was tabulated (see Table 1).

In Table 1 some diagnoses/problems were differentiated by anatomical sites or etiological agents. These anatomical/etiological differentiations were ignored and some diagnoses/problems were combined in compiling Table 2. Those fitting this characterization were (1) Vaginitis, (2) Conjunctivitis, (3) Arthalgia/Bursitis, (4) Contusions, (5) Myalgia/Myositis, (6) Tendonitis, (7) Headaches, (8) Burns, and (9) Lacerations. Forty-two diagnoses/problems accounted for 90 percent of the cumulative frequency distribution of the most frequent diagnoses/problems attended to by physicians/PAs in TMC #1 during CY 83. A graphic display of the most frequent diagnoses/problems is represented by a bar graph⁴ (see Figure 3).

TABLE 1

FREQUENCY OF OCCURRENCE OF
DIAGNOSES/PROBLEMS AND MEDICATIONSMEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
<u>HEMATOLOGICAL (1)</u>		
1. Anemia, Iron Def. (1)		Ferrous Sul-fate (1)
<u>CARDIOVASCULAR (31)</u>		
1. HTN (31)		Apresoline (3) Catapres (3) Dyazide (4) HCTZ (27) Inderol (5)
<u>RESPIRATORY (369)</u>		
1. Asthma (18)		Alupent Inhaler (6) Medihaler-ISO (1) Quibron (2) TCN (1) Theo-Dur (1) Theolair (13)
2. Bronchitis (54)	Actifed (1) ADA Cap (1) Afrin (1) ASA (5) Cama (1) ETH (8) Phenegran Exp. (7) Robitussin (17) Sudafed (2) Tylenol (3)	Alupent Inhaler (1) Ampicillin (15) Dimetapp (2) E-Mycin (22) Entex (5) Fiorinal (1) Keflex (3) Pen VK (3) Robitussin DM (1) TCN (8) Theolair (4)
3. Pneumonia/Pneumonitis (5)	Robitussin (2) Tylenol (1)	Ampicillin (1) E-Mycin (3) Pen VK (1)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
4. URI (292)		
	Actifed (58)	Atarax (1)
	ADA Caps (37)	Compazine (1)
	Afrin (26)	Dimetapp (18)
	ASA (69)	Entex (6)
	Cama (33)	TCN (2)
	Cepacol Loz. (132)	Tigan (1)
	CTM (9)	
	Dobell's Sol. (2)	
	Dramamine (2)	
	Drixoral (22)	
	ETH (16)	
	Mylanta (1)	
	Neo-synephrine (10)	
	Phenergan Exp. (10)	
	Robitussin (201)	
	Sudafed (135)	
	Tylenol (80)	

GENITOURINARY (92)

1. Dysuria (1)	Pyridium (1)
2. Epididymitis (12)	Ampicillin (2) Flagyl (1) Indocin (10) Septra (2) TCN (5)
3. NSU (25)	E-Mycin (2) TCN (23)
4. Prostatitis, Acute (4)	Pyridium (2) Septra (4)
5. UTI (50)	ASA (1)
	Ampicillin (12) Flagyl (1) Gantrisin (1) Macrodantin (4) Pyridium (24) Septra (30) TCN (3) Tylenol #3 (1)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications OTC	Medications Rx
<u>GASTROINTESTINAL (253)</u>		
1. Anal Fissure (3)	Anusal Sup. (1) Colace (2) Metamucil (1) Nupercaine Oint (1)	HC Cr 1% (1)
2. Colitis (1)	Metamucil (1)	
3. Constipation (2)	MOM (2)	
4. Functional Bowel Syndrome (4)	Mylanta (2) Mylicon (1)	Bentyl (1) Librax (1)
5. Gastritis (51)	ASA (1) Dramamine (4) Gaviscon (4) Maalox (4) Mylanta (21) Mylicon (6) Tylenol (1)	Bentyl (4) Compazine (1) Donnatol (6) Lomotil (1) Tagamet (4)
6. G.E. (167)	ASA (6) Benadryl (1) Dramamine (2) Kaopectate (91) Maalox (2) Mylanta (15) Tylenol (10)	Bentyl (1) Compazine (23) Donnatol (7) Lomotil (27) Tagamet (1) TCN (1) Tigan (35)
7. Hemorrhoids (22)	Anusol Sup. (22) Colace (4) Metamucil (6) MOM (1) Nupercaine Oint (1)	HC Cr 1% (2)
8. Peptic Ulcer Disease (3)	Gaviscon (1) Mylanta (1) Mylicon (1)	Tagamet (3)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications OTC	Medications Rx
<u>GYNECOLOGICAL (55)</u>		
1. Cervicitis (1)		AVC Cream (1) Vibramycin (1)
2. Dysmenorrhea (3)		Motrin (3)
3. Endometritis (1)		TCN (1)
4. Menstrual Cramps (6)	ASA (2) Cama (1) Tylenol (1)	Motrin (2)
5. PID (4)		Septra (1) TCN (2) Vibramycin (1)
6. Premenstrual Tension Syndrome (2)		HCTZ (2)
7. Vagina Moniliasis (27)	Betadine Douche (1)	Monistat Vag. Cr. (26) Mycelex (1) Mycolog (1) Nystatin Vag. Tab. (1)
8. Vagina Trichomoniasis (7)		Flagyl (7)
9. Vaginitis, Nonspecific (4)	Betadine Douche (1)	AVC Cream (1) E-Mycin (1) Flagyl (1) Lotrimin Cr (1)
<u>EAR, NOSE AND THROAT (221)</u>		
1. Allergic Rhinitis (19)	Actifed (1) ADA Caps (1) Afrin (1) ASA (1) Benadryl (1) CTM (5) Drixoral (7)	Decadron Tuber- naire (1) Dimetapp (2) Entex (2)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
2. Cerumen Impactation (4)	Debrox (4)	
3. Otitis, Externa (13)	Actifed (1)	Cortisporin (13) Keflex (1)
4. Otitis, Media (15)	Actifed (3) CTM (2) Drixoral (2) Sudafed (3)	Ampicillin (10) E-Mycin (1) Entex (1) Pen VK (3) TCN (1)
5. Pharyngitis/Laryngitis (82)	Actifed (5) ASA (21) Cama (4) Cepacol Loz. (27) Dobell's Sol. (6) Drixoral (1) Phenergan Exp. (2) ETH (2) Robitussin (18) Sudafed (7) Tylenol (9)	Ampicillin (2) E-Mycin (8) Entex (1) Fiorinal (1) Pen VK (27) Septra (1)
6. Serous Otitis Media (16)	Actifed (7) Afrin (5) ASA (1) CTM (1) Drixoral (1) Sudafed (2)	Ampicillin (1) E-Mycin (2) Entex (1) Dimetapp (3) Pen VK (1)
7. Sinusitis (25)	Actifed (2) ADA Caps (5) Afrin (1) ASA (1) Cepacol Loz. (1) CTM (1) Drixoral (3) Neo-synephrine (3) Phenergan Exp. (1) Robitussin (4) Sudafed (7) Tylenol (2)	Ampicillin (4) Dimetapp (5) E-Mycin (2) Entex (4) Fiorinal (1) Pen VK (3) TCN (1)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
8. Tonsilitis (47)	Actified (3) ADA Caps (1) ASA (5) Cama (1) Cepacol Loz. (4) Dobell's Sol. (2) Robitussin (2) Sudafed (2) Tylenol (13)	Ampicillin (1) E-Mycin (3) Pen VK (37) TCN (1)
<u>DENTAL AND ORAL (9)</u>		
1. Dental Pain (3)	ASA (2)	Motrin (1)
2. Stomatitis (4)		Kenalog-in-Orabase (4)
3. T-M-J Syndrome (2)	Cama (1) Tylenol (1)	Indocin (1)
<u>OPHTHALMOLOGICAL (28)</u>		
1. Conjunctivitis (15)		Neosporin Oint (1) Neosporin Sol. (5) Sulamyd (8) Vasacon-A Sol. (1)
2. Conjunctivitis, Allergic (5)	CTM (1)	Vasacon-A Sol. (4)
3. Conjunctivitis, Chemical (1)		Sulamyd (1)
4. Corneal Abrasion (3)		Neosporin Oint. (2) Sulamyd (1)
5. Hordeolum (4)		Neosporin Oint. (3) Neosporin Sol. (1) Pen VK (1)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
<u>MUSCULOSKELETAL AND CONNECTIVE TISSUE (611)</u>		
1. A-C Dislocation/ Separation (3)	Cama (3)	Indocin (1)
2. Achilles Tendonitis (5)	Analgesic Balm (1) ASA (2)	Indocin (2) Motrin (2)
3. Ankylosing Spondylitis (1)	Cama (1)	
4. Arthalgia, Ankle (2)	ASA (2)	
5. Arthalgia, Foot/Toe (2)	Cama (1) Disalcid (1)	
6. Arthalgia, Knee (10)	ASA (3) Cama (3)	Indocin (1) Motrin (3)
7. Arthalgia, Knee - Acute (11)	Analgesic Balm (1) ASA (5) Cama (2) Disalcid (1)	Norgesic (3)
8. Arthalgia, Knee - Chronic (4)	ASA (1) Cama (2)	Indocin (1)
9. Arthalgia, Shoulder (13)	Analgesic Balm (1) ASA (3) Cama (3) Disalcid (1)	Fiorinal (2) Motrin (2) Norgesic (2)
10. Arthalgia, Wrist (5)	Analgesic Balm (1) ASA (1) Cama (1) Tylenol (2)	Indocin (1)
11. Bursitis, Knee (4)	Cama (2) Disalcid (1)	Indocin (1)
12. Calcaneitis (3)	Analgesic Balm (1) ASA (1)	Butazolidin (1) Motrin (1)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
13. Cervical (Neck) P/S (17)	Analgesic Balm (2) ASA (1) Cama (4) Disalcid (1) Ecotrin (1)	Butazolidin (1) Naprosyn (1) Norgesic (5) Parfon Forte (2) Robaxin (1) Tylenol #3 (1) Valium (3)
14. Chondromalacia (34)	Analgesic Balm (2) ASA (4) Cama (20) Disalcid (1) Tylenol (1)	Indocin (1) Motrin (5) Naprosyn (1) Parfon Forte (1)
15. Contusion, Arm (2)	ASA (2)	
16. Contusion, Back (3)	Cama (1)	Fiorinal (1) Motrin (1) Parfon Forte (1)
17. Contusion, Chest/Ribs (9)	ASA (2) Cama (4) Tylenol (1)	Naprosyn (1) Parfon Forte (1)
18. Contusion, Foot/Toe (9)	ASA (6) Cama (2)	Motrin (1)
19. Contusion, Hand/Finger (9)	ASA (8) Cama (1)	
20. Contusion, Head/Face (15)	ASA (8) Cama (1) Ecotrin (1) Tylenol (3)	Indocin (1) Tylenol #3 (1)
21. Contusion, Hip (1)	Analgesic Balm (1) Cama (1)	
22. Contusion, Leg/Knee (10)	ASA (3) Cama (6)	Naprosyn (1)

TABLE 1 -Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
23. Contusion, Shoulder (3)	ASA (1) Cama (2)	
24. Costrochondritis (19)	Analgesic Balm (1) ASA (5) Cama (2)	Indocin (7) Motrin (1) Norgesic (4)
25. D-J-D, Knee (6)	ASA (1) Cama (4) Disalcid (1)	
26. Epicondylitis (7)	ASA (1) Cama (3)	Indocin (1) Motrin (2)
27. Fascitis, Leg (1)		Tolectin (1)
28. Fascitis, Plantar (1)		Motrin (1)
29. Fracture, Stress (Toe) (1)		Indocin (1)
30. Ganglion, Wrist (1)	ASA (1)	
31. Gout, Large Toe (1)		Indocin (1)
32. LBP/S, Acute (157)	Analgesic Balm (20) ASA (16) Cama (19) Disalcid (8) Ecotrin (1) Tylenol (4)	Indocin (1) Motrin (9) Naprosyn (1) Norgesic (48) Parfon Forte (33) Robaxin (17) Tylenol #3 (2) Valium (5)
33. LBP/S, Chronic (13)	ASA (3) Cama (1) Ecotrin (1)	Indocin (3) Motrin (3) Parfon Forte (4) Valium (2)
34. Metatarsalgia (2)		Motrin (1) Naprosyn (1)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
35. Myalgia, Foot (10)	Analgesic Balm (2) Cama (7) Disalcid (1)	Naprosyn (1)
36. Myalgia, Groin (2)	Ecotrin (1)	Motrin (1)
37. Myalgia, Leg (7)	ASA (1) Cama (3)	Motrin (2) Norgesic (1)
38. Myositis, Abdomen (2)	ASA (1)	Norgesic (1) Parfon Forte (1)
39. Myositis, Arm (3)	ASA (1) Cama (2)	
40. Myositis, Leg (26)	Analgesic Balm (4) ASA (5) Cama (7) Disalcid (2) Ecotrin (2) Tylenol (2)	Indocin (2) Naprosyn (1) Norgesic (2) Parfon Forte (1) Robaxin (1)
41. Shin Splints (20)	Analgesic Balm (1) ASA (3) Cama (7) Disalcid (1) Tylenol (1)	Indocin (3) Motrin (5) Naprosyn (1) Parfon Forte (1)
42. Spondylolisthesis w/ Radiculopathy (1)		Indocin (1)
43. Sprain/Strain, Ankle (62)	Analgesic Balm (7) ASA (25) Cama (17) Tylenol (5)	Indocin (1) Motrin (3) Norgesic (1)
44. Sprain/Strain, Finger (6)	ASA (5)	Naprosyn (1)
45. Sprain/Strain, Shoulder (4)		Motrin (1) Norgesic (1) ParfonForte(1) Robaxin (1)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
46. Sprain/Strain, Toe (1)	Cama (1)	
47. Sprain/Strain, Wrist (4)	ASA (3) Cama (1)	
48. Subungual Hematoma (1)	Tylenol (1)	
49. Synovitis, Finger (1)		Motrin (1)
50. Tendonitis, Ankle/Foot (9)	Analgesic Balm (1) ASA (1) Cama (3)	Indocin (4) Motrin (1)
51. Tendonitis, Bicipital (6)	ASA (1) Cama (1)	Feldene (1) Indocin (3)
52. Tendonitis, Knee (36)	Analgesic Balm (3) ASA (12) Cama (11) Disalcid (4) Tylenol (1)	Indocin (3) Motrin (4)
53. Tendonitis, Shoulder (2)	ASA (1)	Naprosyn (1)
54. Tendonitis, Wrist (7)	ASA (1) Cama (2) Disalcid (1)	Indocin (2) Motrin (1)
55. Thoracic Back P/S (17)	Analgesic Balm (1) Cama (2) Tylenol (1)	Fiorinal (1) Motrin (1) Norgesic (4) Parfon Forte (7) Robaxin (2)

NEUROLOGICAL (52)

1. Headache (25)	ASA (4) Benadryl (1) Cama (7) Disalcid (1) Tylenol (5)	Fiorinal (5) Inderol (2) Tylenol #3(1)
2. Headache, Cluster (5)	Benadryl (1)	Bellergal (1) Parfon Forte (3)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	OTC	Medications	Rx
3. Headache, Migraine (4)			Cafergot (1) Fiorinal (1) Midrin (1) Tylenol #3 (1)
4. Headache, Stress (1)			Benadryl (1)
5. Headache, Tension (17)	ASA (3) Cama (1) Tylenol (1)		Elavil (1) Fiorinal (5) Indocin (1) Norgesic (3) Parfon Forte (2) Valium (1) Zactirin (1)
<u>PSYCHIATRIC (2)</u>			
1. Anxiety (1)			Valium (1)
2. Depression (1)			Librax (1)
<u>DERMATOLOGICAL (242)</u>			
1. Acne (33)	Benzoyl Peroxide (3) Desquam-X (10) Fostex Cream (7) Fostex Soap (9)		Accutane (2) E-Mycin (6) Retin-A (1) TCN (23)
2. Alopecia Aerata (1)			TCN (1)
3. Atopic Dermatitis (14)	Benadryl (1)		Aristocort Cr (1) HC Cr 1% (7) Kenalog Cr (1) Lidex Cr (3) Valisone Cr (2)
4. Callosities (11)	Salicyclic Acid Plaster (11)		

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
5. Carbuncle (2)		E-Mycin (1) TCN (1)
6. Carbuncle, Ear (1)		TCN (1)
7. Carbuncle, Face (1)		TCN (1)
8. Carbuncle, Leg (2)		Dynapen (1) E-Mycin (1)
9. Contact Dermatitis (20)	Benadryl (5) Calamine Lotion (6)	Atarax (3) HC Cr 1% (8) Kenalog Cr (3) Lidex Cr (1)
10. Corn, Toe (2)	Salicyclic Acid Plaster (2)	
11. Folliculitis, Groin (1)		E-Mycin (1)
12. Furuncle (3)		E-Mycin (1) TCN (1) Tegopen (1)
13. Herpes Simplex (1)		Stoxil (1)
14. Hidradenitis, Suppurativa (1)		E-Mycin (1)
15. Impetigo (20)	Bacitracin Oint (1)	Atarax (1) E-Mycin (1) Pen VK (1)
16. Miliaria (3)		HC Cr 1% (3)
17. Neurodermatitis (2)		Periactin (2)
18. Nummular Dermatitis (1)		Atarax (1) Kenalog Cr (1)
19. Onychomycosis (1)		Grispeg (1)
20. Paronychia (12)	Bacitracin Oint (3) Betadine Oint (8) Cama (1)	E-Mycin (1)

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications OTC	Rx
21. Pediculosis Capitis (2)		Kwell (2)
22. Pediculosis Pubis (11)		Kwell (11)
23. PFB (47)	Fostex Cream (11)	E-Mycin (1) HC Cr 1% (14) TCN (1)
24. Pityriasis Rosea (3)		Atarax (2) Kenalog Cr (1)
25. Pruritus Ani (1)	Tinactin Sol. (1)	Periactin (1)
26. Psoriasis (2)		Lidex Cr (1) Valisone Cr (1)
27. Rubeola (Measles) (1)	Benadryl (1)	
28. Scabies (3)	Benadryl (1)	Kwell (3)
29. Seborrheic Dermatitis (2)	Selsun (1)	HC Cr 1% (1)
30. Tinea Corporis (2)	Benadryl (1)	Micatin (1)
31. Tinea Cruris (26)	Tinactin Sol. (14)	Lotrimin Sol. (3) Mycelex Cr (7) Mycolog Cr (2) Nystatin Cr (1)
.		
32. Tinea Pedis (14)	Desenex Oint (1) Desenex Powder (5) Domeboro Sol. (1) Tinactin Sol. (4)	Lotrimin Sol. (2) Micatin Cr (1) Mycelex Cr (3)
33. Tinea Versicolor (9)	Selsun (8)	Mycelex Cr (2)
34. Urticaria (5)	Benadryl (45)	Atarax (1)
<u>PHYSICAL AGENTS (52)</u>		
1. Abrasion, Face (1)	Bacitracin Oint. (1)	

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
2. Abrasion, Foot (1)	Bacitracin Oint (1)	
3. Abrasion, Leg (2)	Bacitracin Oint (2)	
4. Abrasion, Thumb (1)	Bacitracin Oint (1)	
5. Abrasion, Toe (1)	Bacitracin Oint (1)	
6. Blisters, Feet (11)	Bacitracin Oint (10) Betadine Oint, (1)	
7. Burn 1°, Arm (2)	Bacitracin Oint (1) Silvadene Cr(1)	
8. Burn 1°, Face (2)	Bacitracin Oint (2)	
9. Burn 1°, Foot (1)		Silvadene Cr(1)
10. Burn 1°, Hand (2)	Bacitracin Oint (1) Silvadene Cr(1)	
11. Burn 2°, Arm (1)		Silvadene Cr(1)
12. Burn 2°, Hand (2)		Silvadene Cr(2)
13. Burn 2°, Leg (1)		Silvadene Cr(1)
14. Frostbite, Ear (1)	ASA (1)	
15. Frostbite, Toes (1)	ASA (1)	
16. Laceration, Ear (2)	Bacitracin Oint (2)	
17. Laceration, Face (5)	Bacitracin Oint (5)	
18. Laceration, Fingers (2)	Bacitracin Oint (1) Betadine Oint (1)	
19. Laceration, Foot (2)	Bacitracin Oint (1) E-Mycin (1)	
20. Laceration, Hand (5)	Bacitracin Oint (1) Betadine Oint (4)	
21. Laceration, Hand (Human Bite) (1)		Keflex (1)
22. Laceration, Leg (1)	Bacitracin Oint (1)	

TABLE 1 - Continued

MEDICAL SYSTEMS CATEGORIES

Diagnosis/Problem	Medications	
	OTC	Rx
23. Laceration, Scalp (2)	Betadine Oint (2)	
24. Puncture Wound, Hand (2)		Keflex (1) Tegopen (1)

VENEREAL DISEASES (19)

1. Condylomata Accuminata (6)	Podophyllum Sol. (6)
2. G.C. (12)	Ampicillin (1) Benemid (9) TCN (4)
3. Herpes Genitalis (1)	Zovirax (1)

POISONING (10)

1. Bee Sting (1)	Benadryl (1)	
2. Cellulitis, Groin (1)		Ampicillin (1)
3. Cellulitis, Hand - 2° to Insect Bite (3)		E-Mycin (1) Keflex (1) Tegopen (1)
4. Insect Bites (Pruritus) (5)	Benadryl (2) Calamine Lot. (1)	Atarax (1) Kenalog Cr (1) Periactin (1)

TABLE 2

LIST OF MOST FREQUENT DIAGNOSES/PROBLEMS

<u>Diagnosis/Problem</u>	<u>f</u>	<u>Cumulative f</u>	<u>Cumulative %</u>
1. URI	292	292	14.26
2. LBP/S	170	462	22.57
3. GE	167	629	30.73
4. Pharyngitis/Laryngitis	82	711	34.47
5. Sprain/Strain Ankle	62	773	37.76
6. Contusion	61	834	40.74
7. Tendonitis	60	894	43.67
8. Bronchitis/Pneumonitis	59	953	46.55
9. Arthalgia/Bursitis	51	1004	49.05
10. Gastritis	51	1055	51.54
11. Myalgia/Myositis	50	1105	53.98
12. UTI	50	1155	56.42
13. PFB	47	1202	58.72
14. Tonsilitis	47	1249	61.02
15. Headaches	43	1292	63.12
16. Tinea	42	1334	65.17
17. Vaginitis	38	1372	67.02
18. Chondromalacia	34	1406	68.69
19. Acne	33	1439	70.30
20. HTN	31	1470	71.18
21. NSU	25	1495	73.03
22. Sinusitis	25	1520	74.43
23. Hemorrhoids	22	1542	75.33
24. Conjunctivitis	21	1563	76.36
25. Contact Dermatitis	20	1583	77.33
26. Lacerations	20	1603	78.31
27. Shin Splints	20	1623	79.29
28. Allergic Rhinitis	19	1642	80.21
29. Costrochondritis	19	1661	81.14
30. Asthma	18	1679	82.02
31. Cervical P/S	17	1696	82.85
32. Thoracic Back P/S	17	1713	83.68
33. Serous Otitis Media	16	1729	84.47
34. Otitis Media	15	1744	85.20
35. Atopic Dermatitis	14	1758	85.88
36. Callosities/Corns	13	1771	86.52
37. Otitis, Externa	13	1784	87.15
38. Pediculosis	13	1797	87.79
39. Epididymitis	12	1809	88.37
40. G.C.	12	1821	88.96
41. Blisters, Feet	11	1832	89.50
42. Burns	11	1843	90.03

NOTE: Cumulative frequency all diagnoses/problems = 2047

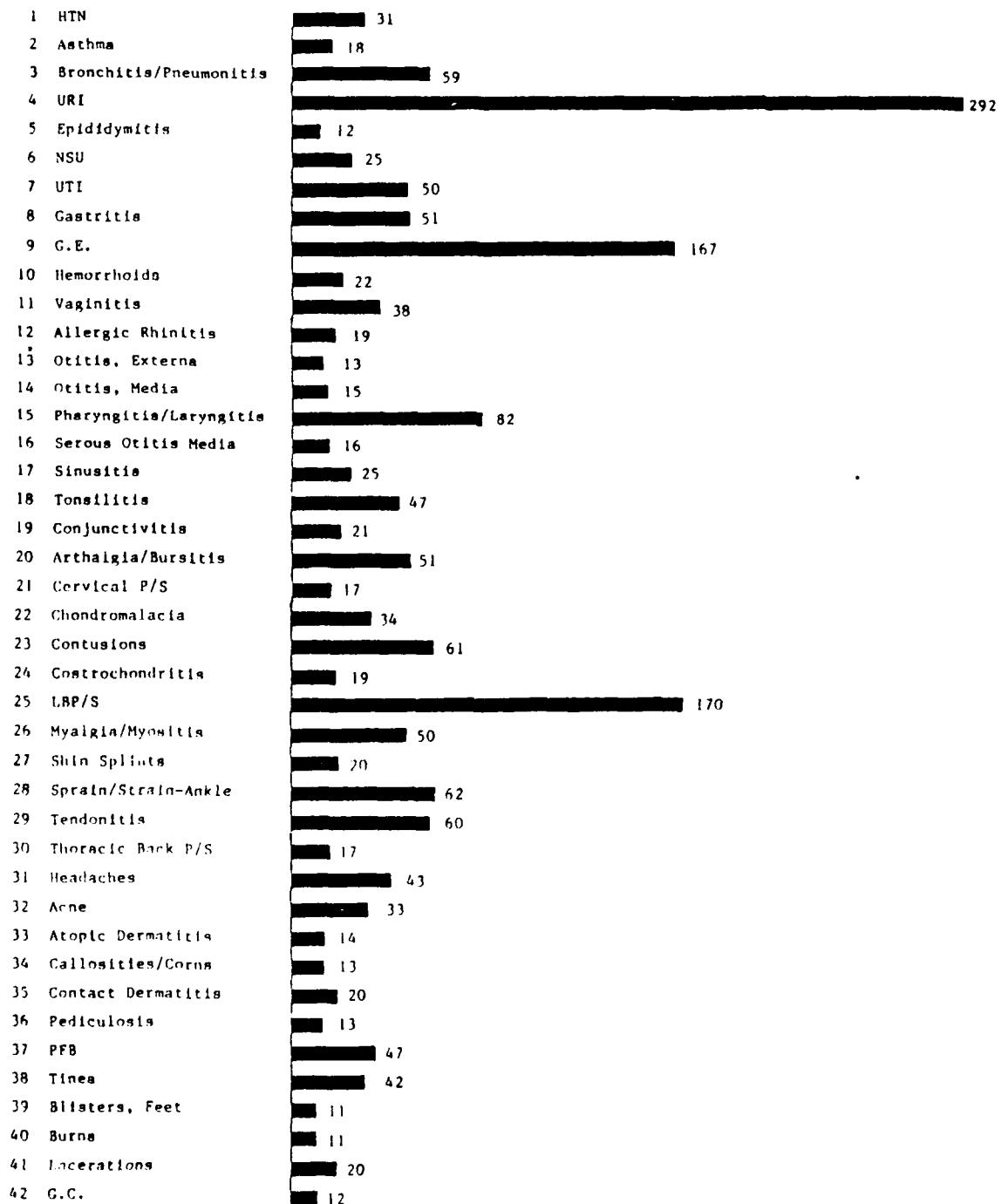


Figure 3. Most Frequent Diagnoses/Problems with Frequency of Occurrence

Medical Systems Categories

The diagnoses/problems annotated for this study were organized under sixteen medical systems categories. This organization of those diagnoses/problems by medical systems categories followed the Merck Manual classification⁵ and was seen in Table 1. Some of the medical systems categories found in the Merck Manual were not represented by diagnoses/problems annotated for this study because those diagnoses/problems were beyond the scope of care provided at TMC #1. Those medical systems categories were: Immunology, Hepatic and Biliary, Obstetrics, Child Care and Genetics, Metabolic and Endocrine.

A cumulative frequency of occurrence for each medical system category was derived by totalling the frequency of occurrences for diagnoses/problems under respective categories.⁶ A graphic display of the most frequent medical systems categories is represented by a bar graph (see Figure 4).

OTC and Prescription Medications

The frequency of medications dispensed for each diagnosis/-problem was listed under Table 1. That information was used to determine the most frequent OTC and prescription medications for each medical system category of diagnoses/problems attended to by physicians/PAs in TMC #1 during CY 83 (see Tables 3 and 4). An alphabetical listing of OTC and prescription medications with the dispensed frequency of each for CY 83 is shown in Tables 5 and 6.

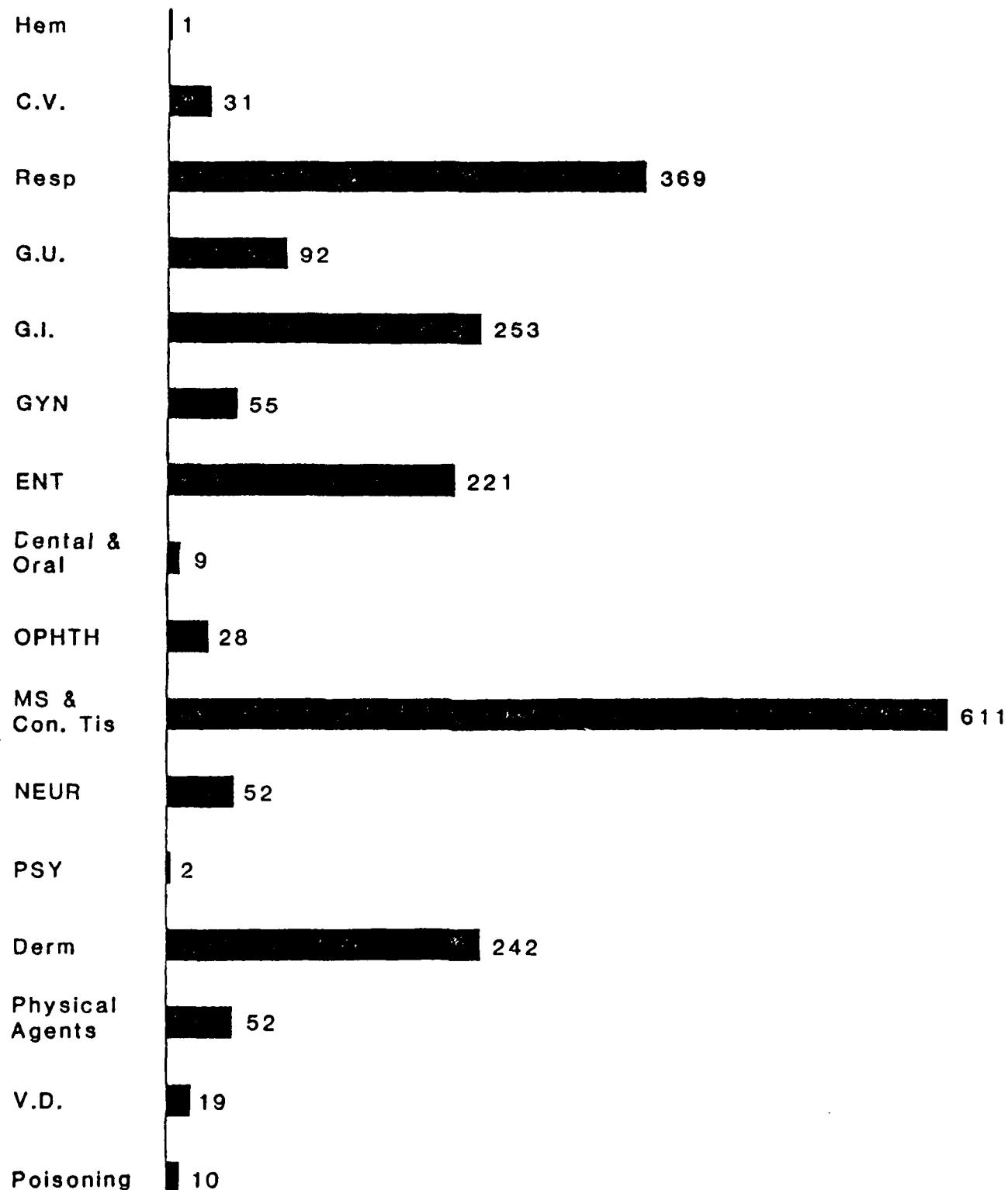


Figure 4. Medical Systems Categories with Frequency of Occurrence

TABLE 3

LIST OF MOST FREQUENT OTC MEDICATIONS
FOR EACH MEDICAL SYSTEM CATEGORY
(WITH FREQUENCY OF OCCURRENCE FOR EACH DRUG)

<u>MEDICAL SYSTEM CATEGORY</u>	<u>OTC MEDICATIONS</u>
RESPIRATORY	Actifed (59) ADA Caps (38) Afrin (27) ASA (74) Cama (34) Cepacol Loz. (132) CTM (9) Dobell's Sol. (2) Dramamine (2) Drixoral (22) ETH (24) Mylanta (1) Neo-Synephrine (10) Phenergan Exp. (17) Robitussin (220) Sudafed (137) Tylenol (84)
GENITOURINARY	ASA (1)
GASTROINTESTINAL	Anusol Sup. (23) ASA (7) Benadryl (1) Colace (6) Dramamine (6) Gaviscon (5) Kaopectate (91) Maalox (6) Metamucil (8) MOM (3) Mylanta (39) Mylicon (8) Nupercaine Oint. (2) Tylenol (11)
GYNECOLOGICAL	ASA (2) Betadine Douche (2) Cama (1) Tylenol (1)

TABLE 3 - Continued

<u>MEDICAL SYSTEM CATEGORY</u>	<u>OTC MEDICATIONS</u>
EAR, NOSE AND THROAT	Actifed (22) ADA Caps (7) Afrin (7) ASA (29) Benadryl (1) Cama (5) Cepacol Loz. (32) CTM (9) Debrox (4) Dobell's Sol. (8) Drixoral (14) ETH (2) Neo-Synephrine (3) Phenergan Exp. (3) Robitussin (24) Sudafed (21) Tylenol (24)
DENTAL AND ORAL	ASA (2) Cama (1) Tylenol (1)
OPHTHALMOLOGICAL	CTM (1)
MUSCULOSKELETAL AND CONNECTIVE TISSUE	Analgesic Balm (50) ASA (140) Cama (153) Disalcid (24) Ecotrin (7) Tylenol (22)
NEUROLOGICAL	ASA (7) Benadryl (3) Cama (8) Disalcid (1) Tylenol (6)
DERMATOLOGICAL	Bacitracin Oint. (4) Benadryl (13) Benzoyl Peroxide (3) Betadine Oint. (8) Calamine Lotion (6) Cama (1)

TABLE 3 - Continued

<u>MEDICAL SYSTEM CATEGORY</u>	<u>OTC MEDICATIONS</u>
DERMATOLOGICAL (Contd)	Desenex Oint. (1) Desenex Powder (5) Desquam X (10) Domeboro Sol. (1) Fostex Cream (18) Fostex Soap (9) Salicyclic Acid Plaster (13) Selsun (9) Surgex Prep Kit (41) Tinactin Sol. (19)
PHYSICAL AGENTS	ASA (2) Bacitracin Oint. (31) Betadine Oint. (8)
POISONING	Benadryl (3) Calamine Lot. (1)

TABLE 4

LIST OF MOST FREQUENT PRESCRIPTION MEDICATIONS
FOR EACH MEDICAL SYSTEM CATEGORY
(WITH FREQUENCY OF OCCURRENCE FOR EACH DRUG)

<u>MEDICAL SYSTEM CATEGORY</u>	<u>PRESCRIPTION MEDICATIONS</u>
HEMATOLOGICAL	Ferrous Sulfate (1)
CARDIOVASCULAR	Apresoline (3) Catapres (3) Dyazide (4) HCTZ (27) Inderol (5)
RESPIRATORY	Alupent Inhaler (7) Ampicillin (16) Atarax (1) Compazine (1) Dimetapp (20) E-Mycin (25) Entex (11) Fiorinal (1) Keflex (3) Medihaler-Iso (1) Pen VK (4) Quibron (2) Robitussin DM (1) TCN (11) Theo-Dur (1) Theolair (17) Tigan (1)
GENITOURINARY	Ampicillin (14) E-Mycin (2) Flagyl (2) Gantrisin (1) Indocin (10) Macrodantin (4) Pyridium (27) Septra (36) TCN (31) Tylenol #3 (1)

TABLE 4 - Continued

<u>MEDICAL SYSTEM CATEGORY</u>	<u>PRESCRIPTION MEDICATIONS</u>
GASTROINTESTINAL	Bentyl (6) Compazine (24) Donnatol (13) HC Cr 1% (3) Librax (1) Lomotil (28) Tagamet (8) TCN (1) Tigan (35)
GYNECOLOGICAL	AVC Cream (2) E-Mycin (1) Flagyl (8) HCTZ (2) Lotrimin Cr. (1) Monistat Vag. Cr. (26) Motrin (5) Mycelex (1) Mycolog (1) Nystatin Vag. Tab (1) Septra (1) TCN (3) Vibramycin (2)
EAR, NOSE AND THROAT	Ampicillin (18) Cortisporin Otic Sol. (13) Decadron Tubernaire (1) Dimetapp (10) E-Mycin (16) Entex (9) Fiorinal (2) Keflex (1) Pen VK (71) Septra (1) TCN (3)
DENTAL AND ORAL	Indocin (1) Kenalog in Orabase (4) Motrin (1)
OPHTHALMOLOGICAL	Neosporin Ophth. Oint. (6) Neosporin Ophth. Sol. (6) Pen VK (1) Sulamyd (10) Vasacon-A Sol. (5)

TABLE 4 - Continued

<u>MEDICAL SYSTEM CATEGORY</u>	<u>PRESCRIPTION</u>
MUSCULOSKELETAL AND CONNECTIVE TISSUE	Butazolidin (2) Feldene (1) Fiorinal (4) Indocin (42) Motrin (52) Naprosyn (11) Norgesic (72) Parfon Forte (53) Robaxin (22) Tolectin (1) Tylenol #3 (4) Valium (10)
NEUROLOGICAL	Bellergal (1) Cafergot (1) Elavil (1) Fiorinal (11) Inderol (2) Indocin (1) Midrin (1) Norgesic (3) Parfon Forte (5) Periactin (3) Tylenol #3 (2) Valium (1) Zactirin (1)
PSYCHIATRIC	Librax (1) Valium (1)
DERMATOLOGICAL	Accutane (2) Aristocort Cr. (1) Atarax (8) Dynapen (1) E-Mycin (14) Grispegs (1) HC Cr. 1% (33) Kenalog Cr. (6) Kwell (16) Lidex Cr. (5) Lotrimin Sol. (5) Micatin Cr. (2) Mycelex Cr. (12) Mycolog Cr. (2) Nystatin Cr. (1)

TABLE 4 - Continued

<u>MEDICAL SYSTEM CATEGORY</u>	<u>PRESCRIPTION MEDICATIONS</u>
DERMATOLOGICAL (Contd)	Pen VK (1) Periactin (3) Retin A (1) Stoxil (1) TCN (29) Tegopen (1) Valisone Cr. (3)
PHYSICAL AGENTS	E-Mycin (1) Keflex (2) Silvadene Cr. (7) Tegopen (1)
VENEREAL DISEASES	Ampicillin (1) Benemid (9) Podophyllum Sol. (6) TCN (4) Zovirax (1)
POISONING	Ampicillin (1) Atarax (1) E-Mycin (1) Keflex (1) Kenalog Cr. (1) Periactin (1) Tegopen (1)

TABLE 5

CY 83 OTC MEDICATIONS
WITH DISPENSED FREQUENCY

1. Actified (81)	24. Dramamine (8)
2. ADA Caps (45)	25. Drixoral (36)
3. Afrin (34)	26. Ecotrin (7)
4. Analgesic Balm (50)	27. ETH (26)
5. Anusol Sup. (23)	28. Fostex Cr. (18)
6. ASA (264)	29. Fostex Soap (9)
7. Bacitracin Oint. (35)	30. Gaviscon (5)
8. Benadryl (21)	31. Kaopectate (91)
9. Benzoyl Peroxide (3)	32. Maalox (6)
10. Betadine Douche (2)	33. Metamucil (8)
11. Betadine Oint. (16)	34. MOM (3)
12. Calamine Lot. (7)	35. Mylanta (40)
13. Cama (203)	36. Mylicon (8)
14. Cepacol Loz. (164)	37. Neo-Synephrine (13)
15. Colace (6)	38. Nupercaine Oint. (2)
16. CTM (18)	39. Phenergan Exp. (20)
17. Debrox (4)	40. Robitussin (244)
18. Desenex Oint. (1)	41. Salicyclic Acid Plaster (13)
19. Desenex Powder (5)	42. Selsun (9)
20. Desquam X (10)	43. Sudafed (158)
21. Disalcid (25)	44. Surgex Prep Kit (41)
22. Dobell's Sol. (10)	45. Tinactin Sol. (19)
23. Domeboro Sol. (1)	46. Tylenol (149)

TABLE 6

CY 83 PRESCRIPTION MEDICATIONS
WITH DISPENSED FREQUENCY

1. Accutane (2)	24. Feldene (1)
2. Alupent Inhaler (7)	25. Ferrous Sulfate (1)
3. Ampicillin (50)	26. Fiorinal (18)
4. Apresoline (3)	27. Flagyl (10)
5. Aristocort Cr. (1)	28. Gantrisin (1)
6. Atarax (10)	29. Grispeg (1)
7. AVC Cream (2)	30. HC Cream 1% (36)
8. Bellergal (1)	31. HCTZ (29)
9. Benemid (9)	32. Inderol (7)
10. Bentyl (6)	33. Indocin (54)
11. Butazolidin (2)	34. Keflex (7)
12. Cafergot (1)	35. Kenalog Cream (7)
13. Catapres (3)	36. Kenalog in Orabase (4)
14. Compazine (25)	37. Kwell (16)
15. Cortisporin Otic Sol. (13)	38. Librax (2)
16. Decadron Turbernaire (1)	39. Lidex Cream (5)
17. Dimetapp (30)	40. Lomotil (28)
18. Donnatol (13)	41. Lotrimin Sol. (6)
19. Dyazide (4)	42. Macrodantin (4)
20. Dynapen (1)	43. Medihaler-Iso (1)
21. Elavil (1)	44. Micatin Cream (2)
22. E-Mycin (60)	45. Midrin (1)
23. Entex (20)	46. Monistat Vag. Cr. (26)

TABLE 6 - Continued

47. Motrin (58)	65. Septra (38)
48. Mycelex Cr. (13)	66. Silvadene Cr. (7)
49. Mycolog Cr. (3)	67. Stoxil (1)
50. Naprosyn (11)	68. Sulamyd (10)
51. Neosporin Ophth Oint. (6)	69. Tagamet (8)
52. Neosporin Ophth Sol. (6)	70. TCN (53)
53. Norgesic (75)	71. Tegopen (2)
54. Nystatin Cr. (1)	72. Theo-Dur (1)
55. Nystatin Vag. Tab (1)	73. Theolair (17)
56. Parfon Forte (58)	74. Tigan (36)
57. Pen VK (77)	75. Tolectin (1)
58. Periactin (7)	76. Tylenol #3 (7)
59. Podophyllum Sol. (6)	77. Valium (12)
60. Pyridium (27)	78. Vasacon-A Sol. (5)
61. Quibron (2)	79. Vibramycin (2)
62. Retin-A (1)	80. Zactirin (1)
63. Robaxin (22)	81. Zovirax (1)
64. Robitussin DM (1)	

Medications Most Frequently Dispensed in TMC #1

The previous steps culminated in the identification of those medications most frequently dispensed in TMC #1 during CY 83 (see Table 7). The percentage of usage for each medication was calculated by dividing the frequency of occurrence of the specific medication by the frequency of occurrence of all medications and multiplying by 100.

TABLE 7

LISTING OF MOST FREQUENT MEDICATIONS OVERALL
WITH PERCENTAGE OF USAGE

	<u>MEDICATION</u>	F	CUMULATIVE	USE	CUMULATIVE
			F	%	%
1.	ASA	264	264	8.60	8.60
2.	Robitussin	244	508	7.95	16.55
3.	Cama	203	711	6.61	23.16
4.	Cepacol Loz.	164	875	5.34	28.50
5.	Sudafed	158	1033	5.15	33.65
6.	Tylenol	149	1182	4.85	38.50
7.	Kaopectate	91	1273	2.96	41.46
8.	Actified	81	1354	2.64	44.10
9.	Pen VK	77	1431	2.51	46.61
10.	Norgesic	75	1506	2.44	49.05
11.	E-Mycin	60	1566	1.95	51.00
12.	Motrin	58	1682	1.89	54.78
13.	Parfon Forte	58	1682	1.89	54.78
14.	Indocin	54	1736	1.76	56.54
15.	TCN	53	1789	1.73	58.27
16.	Analgesic Balm	50	1839	1.63	59.90
17.	Ampicillin	50	1889	1.63	61.53
18.	ADA Caps	45	1934	1.47	63.00
19.	Surgex Prep Kit	41	1975	1.34	64.34
20.	Mylanta	40	2015	1.30	65.64
21.	Septra	38	2053	1.24	66.88
22.	Drixoral	36	2089	1.17	68.05
23.	HC Cream 1%	36	2125	1.17	69.22

TABLE 7 - Continued

	MEDICATION	F	CUMULATIVE F	USE %	CUMULATIVE %
24.	Tigan	36	2161	1.17	70.39
25.	Bacitracin Oint.	35	2196	1.14	71.53
26.	Afrin	34	2230	1.11	72.64
27.	Dimetapp	30	2260	0.98	73.62
28.	HCTZ	29	2289	0.94	74.56
29.	Lomotil	28	2317	0.91	75.47
30.	Pyridium	27	2344	0.88	76.35
31.	ETH	26	2370	0.85	77.20
32.	Monistat Vag. Cream	26	2396	0.85	78.05
33.	Compazine	25	2421	0.81	78.86
34.	Disalcid	25	2446	0.81	79.67
35.	Anusol Sup.	23	2469	0.75	80.42
36.	Robaxin	22	2491	0.72	81.14
37.	Benadryl	21	2512	0.68	81.82
38.	Entex	20	2532	0.65	82.47
39.	Phenergan Exp.	20	2552	0.65	83.12
40.	Tinactin Sol.	19	2571	0.62	83.74
41.	CTM	18	2589	0.59	84.33
42.	Fiorinal	18	2607	0.59	84.92
43.	Fostex Cream	18	2625	0.59	85.51
44.	Theolair	17	2642	0.55	86.06
45.	Betadine Oint.	16	2658	0.52	86.58
46.	Kwell	16	2674	0.52	87.10

TABLE 7 - Continued

	MEDICATION	F	CUMULATIVE F	USE %	CUMULATIVE %
47.	Cortisporin Otic Sol.	13	2687	0.42	87.52
48.	Donnatol	13	2700	0.42	87.94
49.	Mycelex Cream	13	2713	0.42	88.36
50.	Neo-Synephrine	13	2726	0.42	88.78
51.	Salicyclic Acid Plaster	13	2739	0.42	89.20
52.	Valium	12	2751	0.39	89.59
53.	Naprosyn	11	2762	0.36	89.95
54.	Atarax	10	2772	0.33	90.28
55.	Desquam X	10	2782	0.33	90.61
56.	Dobell's Sol.	10	2792	0.33	90.94
57.	Flagyl	10	2802	0.33	91.27
58.	Sulamyd	10	2812	0.33	91.60
59.	Benemid	9	2821	0.29	91.89
60.	Fostex Soap	9	2830	0.29	92.18
61.	Selsun	9	2839	0.29	92.47
62.	Dramamine	8	2847	0.26	92.73
63.	Metamucil	8	2855	0.26	92.99
64.	Mylicon	8	2863	0.26	93.25
65.	Tagamet	8	2871	0.26	93.51
66.	Alupent Inhaler	7	2878	0.23	93.74
67.	Calamine Lot.	7	2885	0.23	93.97
68.	Ecotrin	7	2892	0.23	94.20
69.	Inderol	7	2899	0.23	94.43
70.	Keflex	7	2906	0.23	94.66

TABLE 7 - Continued

MEDICATION	F	CUMULATIVE F	USE %	CUMULATIVE %
71. Kenalog Cream	7	2913	0.23	94.89
72. Periactin	7	2920	0.23	95.12
73. Silvadene Cream	7	2927	0.23	95.35
74. Tylenol #3	7	2934	0.20	95.55
75. Bentyl	6	2940	0.20	95.75
76. Colace	6	2946	0.20	95.95
77. Lotrimin Sol.	6	2952	0.20	96.15
78. Maalox	6	2958	0.20	96.35
79. Neosporin Ophth Oint.	6	2964	0.20	96.55
80. Neosporin Ophth Sol.	6	2970	0.20	96.75
81. Podophyllum Sol.	6	2976	0.20	96.95
82. Desenex Powder	5	2981	0.16	97.11
83. Gaviscon	5	2986	0.16	97.27
84. Lidex Cream	5	2991	0.16	97.43
85. Vasacon-A Sol.	5	2996	0.16	97.59

85 Medications were used to treat 97.5% of the Diagnoses/Problems presented to TMC #1 during CY 83.

Cumulative Frequency of Medications Used:

OTC	1963
Rx	1107
Total	3070

Number of Different Medications Used:

OTC	46
Rx	81
Total	127

FOOTNOTES

¹Earl R. Babbie, Survey Research Methods, 1973, Wadsworth Publishing Company, Inc., Belmont, California, pp. 92-93.

²Interview with Mr. H. C. Martin, Medical Records Clerk, TMC #1, Fort Lewis, Washington 98431, 6 Oct 1983.

³The Merck Manual, Twelfth Edition, 1972, Merck & Co., Inc., Rahway, N.J.

⁴Audrey Haber, "Graphing Techniques," General Statistics, 1973, Addison-Wesley Publishing Co., Inc., Reading, Massachusetts, pp. 51-63.

⁵The Merck Manual

⁶Audrey Haber

CHAPTER III

CONCLUSIONS AND RECOMMENDATIONS

The intent of this research study was to identify those medications most frequently dispensed in a TMC, with the expectation that such a listing of medications for common and frequent diagnoses/problems may serve as the basis for a standardized formulary. Although this study did not account for physician/PA experience, personal preference, nor years at determining/-prescribing medications, the formulary identified still has merit because it was based on a diagnostic/problematic distribution. Furthermore, since many medications are used to control symptoms or conditions and not to cure problems,¹⁻⁷ there will always be consumer's personal preference as well as provider's prescribing bias.⁸⁻¹⁵

Findings

The diagnoses/problems most frequently encountered in TMC #1 are typical of those seen at any TMC.¹⁶ Five medical systems categories comprised of sixteen diagnoses/problems account for 60 percent of the workload in this study (diagnosis/problem requiring/receiving medications). These medical systems categories and diagnoses/problems are:

- (1) Respiratory -- URI and Bronchitis
- (2) Gastrointestinal -- Gastroenteritis and Gastritis
- (3) Ear, Nose and Throat -- Pharyngitis/Laryngitis and Tonsilitis.

- (4) Musculoskeletal and Connective Tissue -- Low Back Pain/Strain, Sprain/Strain Ankle, Contusions, Ten-donitis, Arthalgia/Bursitis, and Myalgia/Myositis.
- (5) Dermatological -- Tinea, Acne and Contact Derma-titis.

A total of 127 different medications were used at TMC #1 during CY 83 in treating diagnoses/problems. Of these 127 medications, 46 were OTC and 81 prescription. However only 85 medications were used to treat 97.5 percent of the diagnoses/-problems presenting to TMC #1 during CY 83. Of those 85 medications, 40 were OTC and 45 were prescription. To treat 80 percent of the diagnoses/problems only 35 medications were used. Of these 35 medications, 18 were OTC and 17 were prescription. Fifty percent of the diagnoses/problems presenting to TMC #1 during CY 83 were treated with only 11 medications. Of these 11 medications, eight, with the highest frequencies of use, were OTC. Therefore, most of the diagnoses/problems in the most frequently occurring medical systems categories above were treated by OTC medications.

Considerations

The issue of dispensing OTC medications to uniformed service members can only be determined in terms of resource utilization and outcome. This determination involves value judgements about the availability, accessibility, acceptability, appropriateness, and affordability of care to be provided. Quality assurance

standards and assessment as well as risk management precautions may impact on this decision.

Recommendations

In light of observations and results of this study, several issues are appropriate for further investigation. If OTC medications were made unavailable at the TMC, would physicians/PAs write for more prescription medications? Would this cause a cost increase in the delivery of health care at the TMC level? What would be the uniformed service member's, as well as the U.S. Army's, acceptability to purchasing OTC medications? Does symptomatic treatment of many common diagnoses/problems contribute to the productivity of uniformed service members?

The results of this study underscore the use of OTC medications in treating common diagnoses/problems. Since the U.S. Army's policy is to provide total care to its uniformed service members, OTC medications should continue to be made available at the TMC level.

Since the Department of Community Medicine is seeking prepackaged medicine for TMCs, this study provides a formulary based on a diagnostic/problematic distribution for their use. The medications already ordered prepackaged versus those MAMC would have to prepackage are annotated in Appendix C.

In light of budgetary cuts and constrained personnel resources, MAMC Pharmacy should seriously undertake a time/cost analysis of prepackaging medications for TMCs. This analysis

should include the cost/use/requirements of prepackaged medications controlled by the TMC physician/PA as compared to the cost/use/requirements of a Pharmacy Specialist.

This study raises legitimate concern that considerable amounts/types of medications that are rarely used may be stocked at TMC pharmacies. The formulary system at each MEDDAC/MEDCEN should review this situation. The medications listed in Table 7 provide an excellent list for evaluating overstocked TMC pharmacies.

The medications identified in this study are based on a diagnostic/problematic distribution of the TMC population. The compilation of the list of medications in Table 7 provides a standardized formulary for treating common and frequent diagnoses/problems at TMCs (see Annex D).

FOOTNOTES

¹Thomas A. Gossel, "O-T-C Drugs: OTC Drug Products Review II," U.S. Pharmacist, Vol. 7, No. 5, May 1982, pp. 22-26.

²Thomas A. Gossel, "O-T-C: Nasal Decongestants." U.S. Pharmacist, Vol. 8, No. 11, Nov 1983, pp. 38-80.

³Jerry C. Hood, "Characteristics of Outpatient Medications and Implications with Hospitalizations," Drug Intelligence and Clinical Pharmacy, Vol. 11, No. 6, June 1977, pp. 362-365.

⁴Kenneth E. Resztak, "A Survey of the Use and Educational Value of the Hospital Formulary Manual," Hospital Pharmacy, Vol. 14, No. 9, Sept 1979, pp. 534-542.

⁵T. Donald Rucker, "Formularies: Principles, Problems, and Prognosis," Hospital Pharmacy, Vol. 17, No. 9, Sept. 1982, pp. 460-461.

⁶T. Donald Rucker, "Superior Hospital Formularies: A Critical Analysis," Hospital Pharmacy, Vol. 17, No. 9, Sept. 1982, pp. 465-524.

⁷J. Richard Wuest, "O-T-C Drugs: How-and-Why Prescription Drugs Become OTC," U.S. Pharmacist, Vol. 7, No. 9, Sept. 1982, pp. 22-27.

⁸"How Many Rxs do Physicians Write per Office Visit?" Pharmacy Times, Dec. 1983, pp. 24-26.

⁹T. M. Rauch, "The Perceptions of Army Physicians and Nurses on the Relative Importance of Clinical Pharmacy Services," Military Medicine 147, May 1982, pp. 391-395.

¹⁰J. Richard Wuest, "OTC Review: The Changing OTC Market," U.S. Pharmacist, Vol. 7, No. 4, April 1982, pp. 27-29.

¹¹Norman A. Campbell, "Legal Implications for the Community Pharmacist Distributing Nonprescription Drug Products," Pharmacy Practice, Vol. 4, No. 4, Fall 1981, pp. 216-219.

¹²Thomas A. Gossel, "O-T-C Drugs: The Trend to Self-Medication," U.S. Pharmacist, Vol. 6, No. 8, Sept. 1981, pp. 14-24.

¹³D. Greenberg, "Pharmaceutical Services Provided to Outpatients by United States Military, Public Health Service, and Veterans' Administration Hospitals," Military Medicine 141, May 1976, pp. 307-315.

¹⁴William D. Hardigan, "Distribution and Cost of Drugs in a Pharmaceutically Decentralized Health Maintenance Organization," Pharmacy Practice, Vol. 3, No. 1, Winter 1980, pp. 23-30.

¹⁵Thelma C. Holsomback, "Sales Warranties: OTC Drugs," U.S. Pharmacist, Vol. 8, No. 11, Nov 1983, pp. 18-23.

¹⁶Interview with Alton B. Peyton, M.D., Chief, Department of Community Medicine, and Major Richard Griswold, Administrative Support Branch Officer, Department of Community Medicine, MAMC, Fort Lewis, Washington 98431, 4 May 1984.

APPENDIX A

DATA LIST

DATA LIST

<u>IDENTIFICATION</u>		<u>DIAGNOSIS</u>	<u>OTC</u>	<u>PRESCRIPTION</u>
1.	GS	N.V.		
2.	TB	N.V.		
3.	FR	N.V.		
4.	NA	G.E.	Tylenol	
5.	TW	NSU Acute LBP/S URI		TCN
6.	ST	URI	ASA Robitussin Robitussin ADA Caps	
7.	GD	GE Chondromalacia Hemorrhoids	ASA CAMA Analgesic Balm Anusal Sup. Colace Metamucil	Lomotil
8.	JP	N.V.		
9.	GG	Myositis (leg)	Ecotrin Analgesic Balm	Parfon Forte
10.	JH	Acute LBP/S Gastritis Acute LBP/S UTI	Ecotrin Maalox CAMA	Septra Pyridium
		G.E. G.C.	Mylanta	Benemid
11.	FM	N.V.		
12.	PW	URI	CAMA Drixoral Robitussin	
		Vagina Moniliasis Paronychia (In- grown Toenail) G.E.	Bacitracin Oint. Tylenol Kaopectate	Monistat Vag Cr
13.	MI	N.V.		
14.	DA	N.V.		
15.	LL	N.V.		
16.	ML	Vagina Tricho- moniasis Subungual Hematoma Cervicitis		Flagyl
		G.E.	Tylenol	
		Herpes Genitalis	Tylenol	AVC Cream Vibramycin Tigan Zovirax
17.	WS	N.V.		
18.	GH	N.V.		
19.	AT	Ankle Sprain Plantar Fascitis	ASA	Motrin
20.	RT	N.V.		

21.	PW	Acute LBP/S GE Tendonitis, Wrist GE	CAMA Kaopectate Kaopectate	Lomotil Indocin Compazine
22.	SW	Pruritus (Insect Bites) Ø Migraine Headache Dysmenorrhea	Benadryl	Midrin Motrin
23.	RB	Chondromalacia Tinea Cruris	CAMA Tinactin Sol.	
24.	DS	Tonsilitis		Pen VK
25.	AW	Bronchitis		E-Mycin Theolair
26.	DW	Tonsilitis URI Ankle Strain Allergic Conjunctivitis	Tylenol, Robitussin Cepacol Lozenge CAMA	Pen VK Vasocon-A Ophth. Sol.
27.	CR	N.V.		
28.	CW	Pharyngitis Tendonitis, Knee	Tylenol, Dobells Sol. CAMA	TCN
29.	RR	N.V.		
30.	AB	N.V.		
31.	MW	N.V.		
32.	PB	N.V.		
33.	JP	N.V.		
34.	LH	N.V.		
35.	AL	N.V.		
36.	DS	Tinea Pedis Tinea Cruris Urticaria Otitis Media Sinusitis Ankle Strain Pneumonia GE Contact Derm.	Domeboro Sol. Tinactin Sol. Benadryl Afrin ASA Tylenol Robitussin Kaopectate Calamine Lot.	Lotrimin Sol. Ampicillin Entex E-Mycin
37.	JT	N.V.		
38.	MT	Serous Otitis Media	Actifed Afrin	Pen VK
39.	TW	Stress Headache Tendonitis, Knee	Benadryl CAMA	
40.	RW	N.V.		
41.	DF	N.V.		
42.	JC	N.V.		
43.	WD	N.V.		
44.	YS	N.V.		
45.	JS	Externa Otitis		Cortisporin

		Bronchitis Sinusitis	Actifed, Robitussin E-Mycin Sudafed Tylenol
		URI GE	Robitussin, ADA Caps Kaopectate
46.	RS	N.V.	
47.	SP	URI	Tylenol, ADA Caps Phenergan Exp.
48.	WT	GE	Kaopectate
49.	HC	URI Contact Derm G.C.	Robitussin, ASA Lidex Cream Benemid Ampicillin
		URI Tendonitis, Wrist	Cepacol Loz, ASA CAMA
50.	FJ	PFB Laceration (Human Bite)	Fostex Cream
		Bronchitis	
51.	TS	Contusion, Leg Tendonitis, Knee	ASA, Sudafed ASA CAMA, Analgesic Balm
		Vaginitis, Non- specific	
		URI	AVC Cream Dimetapp
		Epicondylitis (Elbow)	CAMA
52.	EF	N.V.	
53.	LB	URI Dermatitis, Atopic	Actifed, ASA HC Cream 1% Robitussin, Tylenol ADA Caps
54.	GS	N.V.	
55.	TR	Bee Sting Pharyngitis	Benadryl Tylenol
56.	BC	N.V.	
57.	BR	N.V.	
58.	JA	Burn, 1°, Face	Bacitracin
59.	CP	URI	Drixoral
60.	RG	Tinea Cruris	Tinactin Sol.
61.	DL	Myositis (Shin Splints) Vagina Moniliasis	CAMA
		UTI	Monistat Vag Cr Septra, Pyridium
		Vagina Tricho- moniasis	Flagyl
		URI	Robitussin, ASA
		UTI	Ampicillin, Pyridium
62.	LP	N.V.	
63.	JB	N.V.	
64.	RF	G.E.	Kaopectate
65.	WF	N.V.	
66.	CB	N.V.	

67.	DP	Chondromalacia Rubeola (Measles)	CAMA Benadryl
68.	AL	N.V.	
69.	AM	N.V.	
70.	GL	URI	Sudafed
71.	MK	N.V.	
72.	CC	N.V.	
73.	JW	N.V.	
74.	EN	Acute LBP/S URI	CAMA Robitussin, Actifed
75.	DM	N.V.	
76.	BW	GE Pediculosis Pubis Chronic LBP/S Pharyngitis	Kaopectate CAMA, Robitussin
77.	EM	N.V.	Kwell
78.	GF	Conjunctivitis	Motrin
79.	DB	G.E.	Pen VK
80.	JB	Conjunctivitis	Sulamyd Ophth Sol.
81.	JM	N.V.	
82.	MM	N.V.	
83.	MR	URI	Neosporin
84.	MD	Acute LBP/S Chronic LBP Eczema (Atopic Dermatitis) URI	Ophth Sol. Robitussin, Tylenol Cepacol Loz Tylenol Ecotrin
		Acute LBP/S	Parfon Forte
			HC Cream 1%
			Drixoral, Afrin
			Tylenol
			Norgesic
85.	LM	N.V.	
86.	BH	N.V.	
87.	RG	N.V.	
88.	LB	N.V.	
89.	WG	N.V.	
90.	EM	N.V.	
91.	JM	N.V.	
92.	TW	N.V.	
93.	SK	Laceration, Finger Epicondylitis	Bacitracin Oint. CAMA
94.	NH	N.V.	
95.	JV	N.V.	
96.	DM	Thoracic Back P/S	Parfon Forte
97.	ML	N.V.	
98.	DO	N.V.	
99.	JC	N.V.	
100.	DD	Serous Otitis Media Blisters, Foot	ASA Bacitracin Oint.
			Ampicillin

101.	GH	URI	Robitussin, Sudafed Tylenol, Cepacol Loz.
102.	ED	URI	Robitussin, Tylenol Cepacol Loz.
103.	JT	URI Blisters, Foot	Actifed Bacitracin
104.	SB	Bronchitis Fascitis, Leg Sinusitis URI Acute LBP/S Acute LBP/S Pharyngitis	E-Mycin Tolectin Ampicillin Entex Parfon Forte Valium Pen VK
105.	CM	G.E. Acne	Kaopectate Desquam-X
106.	JK	URI	Robitussin, ADA Caps Cepacol Loz.
107.	WG	N.V.	
107.	LT	Myalgia, Foot	CAMA
109.	SD	Myositis, Leg	Analgesic Balm
110.	RM	Myalgia, Foot Gastritis Ankle Strain	CAMA
111.	DL	N.V.	
112.	AH	G.E. Chondromalacia Tendonitis, Knee A-C Dislocation Acute Prostatitis	CAMA
		Contusion, Back	Indocin Donnatal Lomotil Indocin Septra Pyridium Parfon Forte Fiorinal
113.	JS	G.E. Tinea Versicolor Pharyngitis	Mylanta Selsun
114.	RT	URI	Sudafed Sudafed, Cepacol Loz.
115.	SH	Acute LBP/S URI	Analgesic Balm Robitussin, Cepacol Loz. ASA, ADA Caps
116.	OS	Laceration, Foot URI	E-Mycin Sudafed, Robitussin Cepacol Loz., Tylenol
117.	BM	Sinusitis URI	Actifed Sudafed, Robitussin Tylenol
118.	BB	Pharyngitis URI	Cepacol Loz., ASA Robitussin, Tylenol
		Cervical Mycsitis	Ecotrin

			Dynapen
119.	CS	Carbuncle, Leg Gastritis Costrochondritis Gastritis	Gaviscon Dramamine
		UTI	Ampicillin Pyridium
		G.E. Endometritis	Lomotil TCN
		Contact Dermatitis Serous Otitis Media	HC Cream 1% Dimetapp
		URI	ETH, Sudafed, ASA
120.	RJ	G.E. URI	Kaopectate Robitussin,Tylenol Cepacol Loz.
121.	RD	URI URI	CTM Robitussin,Sudafed Cepacol Loz.
		UTI	Macrodantin Pyridium
		Pharyngitis Gastritis	Tagamet Bentyl
		Tendonitis, Knee Paronychia (Large Toe)	Motrin
		Tendonitis, Knee	CAMA
		URI	Betadine Oint.
			Indocin
			Sudafed,Robitussin ASA
122.	RS	N.V.	
123.	JC	Pharyngitis URI	Actifed, Tylenol Cepacol Loz., Actifed Robitussin
		G.E. GC PID	Kaopectate, Tylenol Benemid
		UTI	TCN
124.	DS	Costrochondritis Cerumen Impacta- tion	Septra,Pyridium Norgesic
		UTI	Debrox
		Tendonitis,Wrist	Ampicillin
		Tendonitis,Wrist	Indocin
125.	GP	URI Pharyngitis Acute LBP/S	Motrin
			ASA, Cepacol Loz.
			Tylenol
			Pen VK
			Valium
			Tylenol #3
126.	LP	Acne G.E. URI G.E. URI	E-Mycin
			Benzoyl Peroxide
			Kaopectate
			Actifed,Robitussin
			Kaopectate,Mylanta
			Sudafed,Robitussin
			Cepacol Loz.

		Acne	Benzoyl Peroxide	E-Mycin
		URI	Sudafed, Tylenol	
			Robitussin	
		Pharyngitis	Actifed, ASA	
		URI	Robitussin, ASA	
127.	RS	Costrochondritis		Motrin
		Pharyngitis	ASA, Robitussin	
128.	CW	N.V.		
129.	PC	G.E.		Compazine
		URI	Sudafed, Cepacol Loz.	Vasacon-A
				Ophth Sol.
		Allergic Conjunctivitis		Dimetapp
130.	JS	Allergic Rhinitis		
		Sinusitis	Drixoral	
		Hemorrhoids	Anusol Supp.	
			Metamucil	
		Dysmenorrhea		Motrin
131.	RK	Hordeolum		Neosporin Ophth Sol.
132.	HZ	UTI		Septra, Pyridium
		URI	Afrin, Dramamine	
		URI	Robitussin	
		URI	Phenegran Exp.	
		Tonsilitis	Tylenol	
		UTI		Septra, Pyridium
		URI	Robitussin, Tylenol	
			Sudafed	
		Vagina Moniliasis		Monistat Vag. Cream
133.	JA	N.V.		
134.	MB	NSU		E-Mycin
135.	AD	N.V.		
136.	RP	G.E.		Tigan, Lomotil
		Epidondylitis		Motrin
		G.E.	Kaopectate	
		Epicondylitis	CAMA	
		G.E.	.Keopectate	
		URI	ASA, ADA Cap.	
		URI	Sudafed, ADA Cap.	
		Bursitis(Knee)	CAMA	
		URI	Sudafed, Afrin	Lomotil, Tigan
		G.E.		
		Bursitis(Knee)	CAMA	
		Acute LBP/S		Norgesic
		Gastritis		Donnatal
137.	RL	Viral Conjunctivitis		Sulamyd Ophth Sol.
138.	PB	HTN		HCTZ, Inderol
		Psoriasis		Lidex Cream
		HTN		HCTZ, Inderol
		HTN		HCTZ, Inderol
		HTN		HCTZ, Inderol
139.	JS	URI	Sudafed, Robitussin	

		URI	Dobells Sol. ADA Caps, Cepacol Loz Robitussin	
		Pharyngitis	CAMA	E-Mycin
		Pharyngitis		Septra, Fiorinal
140.	HP	Sinusitis	Robitussin	Entex, Ampicillin
141.	RB	N.V.		Flagyl
142.	AC	Vagina Trichomoniasis		Monistat Vag.
		Vagina Moniliasis		Cream
		Pneumonitis		Pen VK
143.	FB	URI	Phenegran Exp.	
		Bronchitis	ASA	Robitussin DM, E-Mycin
144.	JC	Chronic Arthalgia (Knee)	CAMA	
		Chronic Arthalgia (Knee)		Indocin
		Seborrheic Derm.		HC Cream 1%
		Tinea Cruris		Lotrimin Sol.
145.	PW	N.V.		
146.	JB	URI	Actifed, Robitussin	
147.	MW	N.V.		
148.	ML	N.V.		
149.	WW	Acute LBP/S		Norgesic
		Acute LBP/S		Norgesic
150.	WS	N.V.		
151.	MM	Thoracic Back P/S	CAMA	
152.	KM	Shoulder Strain		Robaxin Tylenol #3
153.	MS	Tendonitis, Shoulder	ASA	
154.	PC	Tonsilitis		Pen VK
		Tendonitis, Knee		
155.	JA	Contusion, Head	CAMA	
		URI	Tylenol Sudafed, Neo- Synephrine Drops	
		Shin Splints	CAMA	
		Serous Otitis		
		Media	Actifed	Cortisporin Otic Sol.
		Otitis Externa		Parfon Forte
		Tension Headache		Ampicillin
		Otitis Media	Drixoral	
156.	TC	URI	CAMA, Sudafed, Cepacol Loz.	
		Burn, 1°, Arm	Bacitracin Oint.	Desenex Oint.
		Tinea Pedis		
		URI	Robitussin, Cepacol Loz.	Entex
157.	SP	N.V.		
158.	JB	UTI		Macrodantin,

		Contact Dermatitis	Pyridium HC Cream, 1% Benadryl Pen VK
		Otitis Media	Actifed
159.	RM	N.V.	
160.	SF	N.V.	
161.	JN	URI	Sudafed, CAMA
162.	MW	N.V.	
163.	DS	N.V.	
164.	JR	N.V.	
165.	CR	G.E. UTI URI	Lomotil Septra, Pyridium Sudafed, Tylenol Neo-synephrine Drops Neo-synephrine Drops, Phenegran Exp.
166.	RW	Paronychia UTI	Betadine Oint.
167.	TO	URI	Macrodantin ASA, Cepacol Loz. Actifed
168.	WJ	Colitis Asthma	Metamucil Quibron Medihaler-Iso Norgesic
169.	MD	Acute LBP/S Myositis, Leg Arthalgia, Shoulder Chronic LBP/S Arthalgia, Knee Chronic LBP/S Chronic LBP/S Chronic LBP/S Chronic LBP/S Chronic LBP/S URI URI	Ecotrin CAMA CAMA CAMA ASA Valium Parfon Forte Parfon Forte Valium Sudafed, Robitussin Robitussin, Sudafed
170.	EW	Ankle Sprain Tonsilitis G.E.	CAMA Actifed Pen VK Donnatal
171.	RM	G.E. Acne	Kaopectate E-Mycin HC Cream 1%
172.	WH	Contact Dermatitis Puncture Wound, Hand Chondromalacia Tension Headache Bronchitis URI	Dixoral Disalcid Zactirin E-Mycin
173.	WA	Cluster Headache G.E. Headache Headache, Migraine Variant Laceration, Hand	Benadryl, Parfon Forte Fiorinal Cafergot Betadine Oint.

174.	EW	UTI UTI Chondromalacia Tonsilitis	CAMA Tylenol, Cepacol Loz.	Ampicillin Septra, Pyridium
175.	MM	N.V.		Pen VK
176.	LC	Sinusitis Pharyngitis Otitis Media	Phenergan Exp. Sudafed	TCN, Entex
177.	JM	G.E.		Ampicillin Tigan
178.	SW	N.V.		
179.	TL	Ankle Strain	Tylenol	
180.	LN	N.V.		
181.	KW	N.V.		
182.	MW	N.V.		
183.	CG	Tendonitis, Knee UTI URI URI	ASA Robitussin, Cepacol Loz. Robitussin, Actifed, Cepacol Loz.	Ampicillin
184.	TB	N.V.		
185.	AS	Bronchitis URI	Sudafed, Afrin	Ampicillin
186.	GC	Acne	Fostex Cream	TCN
187.	AG	N.V.		
188.	JW	Tendonitis, Knee	ASA	
189.	KS	Vagina Moniliasis G.E. Constipation URI		Monistat Vag Cream Tigan
		Headache	ASA	
		Allergic Conjunctivitis		Vasocon-A Ophth Sol.
190.	JG	N.V.		
191.	MW	Tendonitis, Foot	ASA, Analgesic Balm	
192.	RD	Acute LBP/S		Norgesic
193.	GE	G.E. Migraine Headache	Mylanta	
194.	BP	URI	Robitussin, Cepacol Loz.	Tylenol #3
195.	JV	URI	ETH, Sudafed, Cepacol Loz.	Dimetapp
		Acne		TCN
196.	DW	Contusion, Leg URI G.E.	CAMA Actifed, Robitussin Kaopectate, Mylanta	
197.	PM	N.V.		
198.	LB	Vagina Moniliasis Nonspecific Vaginitis		Monistat Vag. Cream, Mycolog
			Betadine Douche	

199.	RC	Nonspecific Vaginitis UTI		Flagyl, Lotrimin Septra Kwell
200.	LH	Pediculosis Capitis		
201.	JK	N.V.		
202.	MJ	N.V.		
203.	MS	Allergic Rhinitis Hemorrhoids	Anusol Sup. Metamucil	Benadryl
204.	RF	URI	Sudafed, ASA	
205.	DB	Gastritis Thoracic Back P/S Headache	Mylanta Analgesic Balm CAMA	
		G.E.		Donnatal
206.	DE	URI Acne URI Acne Acne Acne URI	ETH, CTM Fostex Soap Phenergan Exp. Fostex Soap Fostex Soap Fostex Soap Tylenol, Phenergan Exp.	TCN TCN TCN
207.	GC	PID URI PFB URI		Vibramycin
			Tylenol, Cepacol Loz.	
			Fostex Cream	
			ADA Caps, ASA, Afrin	
208.	SB	N.V.		
209.	RK	G.E. Anxiety/Depression	Maalox	Tagamet Librax
210.	JW	N.V.		
211.	BS	Laceration, Finger	Betadine Oint.	
212.	RR	Pharyngitis Pediculosis Pubis		E-Mycin Kwell
213.	JA	Otitis Media		Pen VK
214.	JD	Hay Fever (Allergic Rhinitis) Burn, 1°, Foot	ADA Caps, ASA	
215.	EH	Chondromalacia URI	CAMA Robitussin, Cepacol Loz.	Silvadene Cream
216.	MG	Pediculosis Pubis Conjunctivitis Costrochondritis		Kwell Sulamyd Ophth Indocin
217.	PL	N.V.		
218.	SP	URI Gastritis URI Carbuncle, Ear	Sudafed, Cepacol Loz. Sudafed, Afrin	Donnatal TCN
		URI	Afrin, Drixoral	
		Acute LBP/S	Disalcid	Parfon Forte
219.	BB	N.V.		
220.	PW	N.V.		

221.	HJ	G.E. G.E. URI URI	Kaopectate Phenergan Exp. Tylenol, Robitussin Cepacol Loz.	Compazine
222.	MF	N.V.	CAMA	
223.	LB	Chondromalacia	Salicyclic Acid	
224.	JM	Callosities	Plasters	
225.	JA	N.V.		
226.	DB	Conjunctivitis		Sulamyd Ophth Sol.
227.	JW	N.V.		
228.	MJ	Vagina Moniliasis	Betadine Douche	
		G.E.	Kaopectate	
229.	BC	N.V.		
230.	TP	Chronic Arthalgia, Knee	ASA	
		Chondromalacia	CAMA	
231.	MT	URI	Robitussin	Dimetapp E-Mycin
		Bronchitis		
232.	MF	Cervical P/S	CAMA	
233.	GP	URI	Robitussin, ASA Cepacol Loz.	
234.	DS	N.V.		
235.	RH	N.V.		
236.	JS	N.V.		
237.	SR	Cervical P/S	ASA	
238.	MH	N.V.		
239.	RR	Vagina Trichomoniasis Mylagia, Leg Vagina Moniliasis	CAMA	Flagyl Monistat Vag. Cream
		UTI		Ampicillin Pyridium
240.	DS	Gout, Large Toe HTN		Indocin Dyazide, Catapres
		Pediculosis Pubis HTN		Kwell Dyazide, Catapres
		Gastritis HTN	Mylanta	
				Dyazide, Catapres
241.	JH	URI URI URI	Actifed, ASA Sudafed, Robitussin Sudafed, ASA Cepacol Loz.	
242.	JM	Pharyngitis	ASA	E-Mycin
243.	DC	N.V.		
244.	AO	N.V.		
245.	CD	URI UTI	Robitussin	Septra

246.	RB	Pharyngitis Ankle Sprain Ankle Sprain URI URI Blisters, Foot	ASA CAMA Sudafed, ASA, Cepacol Loz. Tylenol, Robitussin, Neo-synephrine Drops Bacitracin	Pen VK
247.	PS	N.V.		
248.	WM	N.V.		
249.	MM	N.V.		
250.	RH	URI G.E. Tinea Cruris Costrochondritis Sprain Ankle	Tylenol, Robitussin Keopectate ASA	Tigan Mycelex Cream Indocin
251.	AD	N.V.		
252.	SS	Laceration, Ear	Bacitracin Oint.	
253.	TT	N.V.		
254.	MK	G.E. Acute LBP/S Atopic Dermatitis Cervical P/S	Tylenol	Tigan Norgesic Valisone Cream Valium, Tylenol #3 HC Cream 1% E-Mycin
255.	RW	PFB		TCN
256.	TJ	NSU URI	Sudafed, Cepacol Loz.	
257.	JG	Acne URI	Sudafed	TCN
258.	JC	N.V.		
259.	FM	URI Gastritis URI	Cepacol Loz., Robitussin, Sudafed Bentyl Dimetapp	
260.	JL	Acute LBP/S Sinusitis	CAMA, Analgesic Balm	
261.	RC	Contact Derm.	Sudafed	Pen VK
262.	CO	Acute LBP/S	Calamine Lotion	
263.	LD	Pharyngitis	CAMA	
264.	JO	Tonsilitis URI	Tylenol CAMA Drixoral, Sudafed, ASA, Robitussin	Pen VK
265.	MR	URI Otis Media	Drixoral	Ampicillin
266.	RF	Acute LBP/S Acute LBP/S Acute LBP/S		Parfon Forte Norgesic Parfon Forte
267.	CA	Ankylosing Spondylitis Hordeolum	CAMA	Neosporin Ophth Oint.

268.	DG	NSU	TCN
269.	KW	N.V.	
270.	LB	N.V.	
271.	JF	Sprain Ankle	ASA
272.	AE	Hemorrhoids	Anusal Supp.
273.	MN	URI	Sudafed, Robitussin
274.	MB	N.V.	
275.	DB	URI	Robitussin, ASA Cepacol Loz.
276.	LM	N.V.	
277.	SS	N.V.	
278.	MH	Allergic Rhinitis	Actifed
279.	HA	N.V.	
280.	JD	Pharyngitis	Cepacol Loz.
281.	JG	Acute Prostatis	Septra
282.	GC	N.V.	
283.	FH	URI	CAMA, Actifed
284.	IE	Spondylolisthesis w/Radiculopathy	Indocin
285.	BH	Burn, 2° Hand	Silvadene Cream
		Tonsilitis	Tylenol, Cepacol Loz.
		Vagina Moniliasis	Pen VK Monistat Vag. Cream
286.	JD	Atopic Dermatitis	HC Cream 1%
		Acute LBP/S	ASA
		Atopic Dermatitis	Lidex
		Gastritis	Dramamine
		Gastritis	Bentyl
		Tension Headache	Elavil
		URI	Dimetapp
		Acute LBP/S	Valium
		Acute LBP/S	Norgesic
287.	JM	Vagina Moniliasis	Mycelex Cream
288.	JS	PFB	HC Cream 1%
289.	RR	N.V.	
290.	GT	N.V.	
291.	LM	Atopic Dermatitis	HC Cream 1%
		URI	Actifed
		Atopic Dermatitis	Valisone Cream
292.	PJ	N.V.	
293.	RT	Acute LBP/S	Norgesic
		URI	Dramamine
		Cluster Headache	Bellergal
		Cervical P/S	Parfon Forte
294.	AS	Tonsilitis	Tylenol
		Acute LBP/S	Tylenol
		URI	Sudafed, Cepacol Loz., Robitussin
		Arthalgia, Knee	ASA
295.	DY	N.V.	
296.	SZ	N.V.	
297.	JD	N.V.	
298.	CB	Miliaria	HC Cream 1%

299.	DT	URI Burn, 1°, Hand	Tylenol Bacitracin Oint.
300.	JW	URI	Robitussin, Tylenol Entex
301.	CS	Acute LBP/S	ASA
302.	JB	Laceration, Ear	Bacitracin Oint.
303.	RP	Contusion, Head	ASA
		URI	Robitussin, Sudafed Cepacol Loz.
304.	CS	Tendonitis, Wrist	ASA
		URI	Cepacol Loz. ASA
		Acute LBP/S	Parfon Forte
305.	RC	N.V.	
306.	KM	URI	Sudafed
		Mylagia, Foot	Disalcid
307.	JC	Sprain, Wrist	ASA
308.	JM	Hemorrhoids	Anusol Sup. Metamucil
309.	JJ	N.V.	
310.	RS	Otitis Externa	Cortisporin Otic
		Acne	Fostex Soap, Desquam-X
		Acute LBP/S	Parfon Forte
		Acute LBP/S	Norgesic
		Gastritis	
311.	CW	N.V.	Mylanta
312.	RM	N.V.	
313.	JC	Thoracic Back P/S	
		Miliaria	Norgesic
314.	NH	Sinusitis	HC Cream 1%
		Acne	
		URI	TCN
		Pharyngitis	
		Acute LBP/S	
		Bronchitis	E-Mycin
		URI	
315.	DW	Condylomata Acuminata	
		PFB	Podophyllum Sol
		URI	HC Cream 1%
316.	RD	N.V.	
317.	BV	N.V.	
318.	MW	Acute LBP/S	Parfon Forte
319.	RH	Acute LBP/S	Valium, Norgesic
		Otitis Media	Ampicillin
		URI	
		URI	
		URI	
		Acute LBP/S	
320.	JL	N.V.	Dimetapp
321.	LP	Pharyngitis	Naprosyn
		Mylagia, Leg	Norgesic

322.	RB	Pediculosis Pubis Vagina Trichomoniasis	Kwell
323.	RL	Arthalgia, Knee Contusion, Leg G.E.	Flagyl ASA, Analgesic Balm CAMA
324.	CP	Atopic Dermatitis	Tigan, Lomotil
325.	GA	URI	Lidex Cream
326.	CW	N.V.	Dimetapp
327.	TH	Acute LBP/S Chondromalacia Cervical P/S Contact Dermatitis Urticaria Contact Dermatitis	Naprosyn Naprosyn Atarax Benadryl Atarax, HC Cream 1% E-Mycin
328.	SP	Bronchitis N.V.	Robitussin
329.	CS	Tonsilitis	Pen VK
330.	DP	N.V.	
331.	RM	Pharyngitis Acute LBP/S	Robitussin, Tylenol Robaxin
332.	MA	N.V.	
333.	RA	URI URI Bronchitis Bronchitis	Robitussin, ADA Caps, Tylenol ETH, ASA Robitussin
			Entex, E-Mycin Ampicillin
334.	LM	N.V.	
335.	SG	Acute LBP/S URI	Norgesic
			Robitussin Cepacol Loz.
336.	DT	G.E. URI	Kaopectate Sudafed
337.	SL	N.V.	
338.	DS	Blisters, Foot	Bacitracin Oint.
339.	DW	URI	Tylenol, Sudafed
340.	GR	N.V.	
341.	TS	URI Bronchitis URI	Actifed, Robitussin, Afrin Phenergan Exp. E-Mycin Actifed, Robitussin, Afrin
342.	EP	G.E. UTI URI	Compazine Septra, Pyridium
			Actifed, Robitussin
343.	NR	N.V.	
344.	VB	N.V.	
345.	SH	G.E.	Donnatal
346.	DC	N.V.	
347	DG	Acute LBP/S UTI UTI	Norgesic Septra, Pyridium Ampicillin,

				Pyridium Fiorinal
		Migraine Headache		
348.	GS	N.V.		
349	KH	N.V.		
350.	NH	N.V.		
351	FD	PFB URI	Surgex Prep Kit Sudafed, Neo- Synephrine Drops	HC Cream 1%
		Tonsilitis		Pen VK
		Wrist Strain	ASA	
		Mylagia, Leg	CAMA	
352.	CR	Furuncle		TCN
		URI	Afrin	Entex
		Tonsilitis		Pen VK
		G.E.		Lomotil
		Tonsilitis		Pen VK
		Otitis Media	CTM	TCN
		G.E.	Kaopectate	
353.	DC	G.E.	Kaopectate	
		Acute LBP/S		Parfon Forte
		Tendonitis, Knee	ASA	
354.	JD	N.V.		
355.	WJ	Pharyngitis	Cepacol Loz.	
356.	GB	N.V.		
357.	RW	Tinea Cruris		Mycelex Cr.
358.	LS	N.V.		
359.	JB	Blisters, Foot	Bacitracin Oint.	
360.	JS	N.V.		
361.	RB	Asthma		Theo-Dur
		Tinea Cruris		Lotrimin Sol
		Asthma		Alupent
				Inhaler
		Gastritis		Donnatal
		Tinea Cruris		Mycolog Cr
		Arthalgia, Shoulder		Motrin, Norgesic
		Tinea Cruris		Nystatin Cr
362.	FC	N.V.		
363.	LP	N.V.		
364.	DS	Ankle Sprain	ASA	
365.	RD	N.V.		
366.	SM	G.E.	Kaopectatei	
		URI	CAMA, Robitussin	
		Vagina Moniliasis		Monistat Vag
				Cr
		Externa Otitis		Cortisporin
				Otic Sol.
		Gastritis	Mylanta	
367.	RK	Asthma		Alupent
				Inhaler
368.	DD	G.E.		Lomotil
369.	LW	URI	Sudafed, Robitussin, Cepacol Loz.	
		G.E.	Kaopectate	
370.	VF	Carbuncle, Leg		E-Mycin

371.	RM	Burn, 2°, Hand URI Externa Otitis	ASA, Cepacol Loz.	Silvadene Cr Cortisporin Otic
372.	CH	Acute LBP/S	ASA	
373.	EC	Acute LBP/S Bronchitis	CAMA ETH, CAMA	Norgesic Ampicillin
374.	BW	Acute LBP/S	Analgesic Balm	
375.	TJ	UTI		Septra
376.	KH	URI	Cepacol Loz. Tylenol	
377.	RH	Acute LBP/S Tonsilitis	Analgesic Balm Tylenol	Pen VK
378.	MB	N.V.		
379.	JS	N.V.		
380.	CM	N.V.		
381.	EM	URI	Robitussin, Drixoral	
382.	EK	Myalgia, Foot		Naprosyn
383.	CR	URI	Robitussin, Sudafed, Cepacol Loz.	
		Tendonitis, Knee	Analgesic Balm	
		Allergic Rhinitis	Drixoral	
		Allergic Rhinitis	CTM	
384.	KT	Acute LBP/S Folliculitis, Groin	CAMA	
		Ankle Strain	ASA	E-Mycin
		URI	Robitussin	
385.	AS	Tendonitis, Knee	ASA	
		Tonsilitis		E-Mycin
386.	BM	Contusion, Foot	CAMA	
387.	EH	N.V.		
388.	WK	Tendonitis, Knee	CAMA	
389.	DD	N.V.		
390.	PC	Scabies		Kwell
391.	EJ	N.V.		
392.	EE	G.E.		Compazine
		Tendonitis, Knee	ASA	
		URI	Robitussin, Sudafed, ASA, Cepacol Loz.	
		Bursitis, Knee		Indocin
		URI	Robitussin, Tylenol, ADA Cap	
393.	LC	Conjunctivitis		Sulamyd
		URI	Drixoral	
		Ankle Sprain	ASA	
394.	JS	N.V.		
395.	JF	N.V.		
396.	PD	Acute LBP/S		Parfon Forte
397.	HG	Hemorrhoids	Anusol Sup.	
		Allergic Rhinitis	Drixoral	
		URI	Actifed, ASA	
		Gastritis	Mylanta	
398.	LA	N.V.		

399.	BO	Contusion, Foot URI	ASA Afrin, CTM, Tylenol
400.	JG	N.V.	
401.	AL	N.V.	
402.	JE	N.V.	
403.	WP	Acute LBP/S	Motrin
404.	BS	G.E. Acne	Kaopectate Fostex Cream, Desquam-X
		Acne	Fostex Cream, Desquam-X
		Callosities	Salicyclic Acid Plasters
		Acne	Fostex Cream, Desquam-X
		NSU	TCN
		Acne	TCN
405.	JA	G.E. URI	Fostex Cream, Desquam-X
			TCN
406.	PP	Contusion, Face Headache Paronychia, Toe	Tigan
407.	JF	N.V.	ADA Caps
408.	ES	Pharyngitis	Indocin
		G.E.	ASA
409.	CM	N.V.	Bacitracin Oint.
410.	MC	N.V.	
411.	JB	Tendonitis, foot	CAMA
412.	CS	N.V.	
413.	SN	N.V.	
414.	DK	N.V.	
415.	TD	GC (Contact)	TCN
		URI	Cepacol Loz.
		Tinea Versicolor	Selsun
416.	NJ	N.V.	
417.	MJ	N.V.	
418.	SK	G.E.	Kaopectate
419.	RT	Acute LBP/S	Parfon Forte
420.	TE	URI	Robitussin, CAMA Sudafed
421.	BV	N.V.	
422.	AN	N.V.	
423.	RR	Tinea Pedis	Tinactin Sol.
424.	BD	Costochondritis	CAMA
425.	JS	G.E.	Kaopectate
		G.E.	Tigan
426.	TS	URI	Tylenol
427.	JH	N.V.	
428.	MC	Sprain, Finger	ASA
429.	SG	N.V.	
430.	MP	N.V.	
431.	JU	URI	Actifed
432.	GF	G.E.	Compazine Mylanta

433.	DR	Ankle Sprain	ASA, Analgesic Balm
434.	BM	G.E.	Kaopectate
435.	BG	N.V.	Donnatal
436.	JM	G.E.	Kaopectate
437.	RR	A-C Separation Gastritis	ASA Mylanta
438.	GC	N.V.	
439.	JA	N.V.	
440.	MF	Abrasion, Toe	Bacitracin Oint.
441.	RC	N.V.	
442.	SC	Myositis, Leg Acute LBP/S	ASA
443.	MH	Hemorrhoids	Anusol Sup., Colase Metamucil
444.	DB	N.V.	
445.	RB	N.V.	
446.	DH	N.V.	
447.	TW	Epididymitis Condyloma Acuminata Epididymitis Epididymitis	TCN Podophyllum Ampicillin, Indocin Septra, Indocin
448.	JS	N.V.	
449.	DE	N.V.	
450.	GF	N.V.	
451.	BC	Vagina Moniliasis	Monistat Vag. Cream
		URI	CAMA
		Vagina Moniliasis	Monistat Vag. Cream
452.	DA	N.V.	
453.	WT	URI	CAMA
454.	RM	G.E.	Tigan Compazine
		G.E.	
		Achilles Tendonitis	ASA
		G.E.	Lomotil
455.	JG	G.E.	Tigan
		URI	CAMA
		URI	Phenergan Exp, CAMA
		URI	ETH, ASA
		Pharyngitis	Sudafed, ASA
456.	AG	Sprain Ankle	ASA
457.	AV	N.V.	
458.	JA	Tinea Cruris	Tinactin Sol.
459.	ME	G.E.	Maalox
460.	WJ	Acne	Desquam-X
461.	JT	Sprain, Finger	ASA
		PFB	Lomotil
		URI	TCN
462.	VH	G.E.	Surgex Prep Kit
463.	PR	N.V.	Sudafed
464.	EL	G.E.	Kaopectate
465.	RS	Blister, Foot	Betadine Oint.
			Donnatal

		Pharyngitis	Pen VK
		Thoracic Back P/S	Norgesic
466.	LL	URI	Drixoral, Afrin, Robitussin
		Tension Headache	CAMA
		URI	Sudafed, ASA
467.	JT	N.V.	
468.	JB	HTN	HCTZ
		HTN	HCTZ
		HTN	HCTZ
469.	NM	N.V.	
470.	LC	N.V.	
471.	RD	N.V.	
472.	DS	N.V.	
473.	LM	N.V.	
474.	KK	G.E.	Kaopectate
475.	MP	N.V.	
476.	DH	N.V.	
477.	CH	N.V.	
478.	DW	URI	Robitussin, Sudafed
		Acute LBP/S	Parfon Forte
479.	TD	Myositis, Leg	ASA
480.	MT	Serous Otitis Media	Actifed
		Acute LBP/S	Motrin
		Acute LBP/S	Norgesic
481.	BA	N.V.	
482.	RS	N.V.	
483.	ME	URI	ETH
		Sinusitis	E-Mycin, Dimetapp
484.	FF	NSU	TCN
485.	WT	Peptic Ulcer Disease	Tagamet
		G.E.	Mylanta
486.	VW	Abrasions, Thrush	Bacitracin Oint.
		URI	Cepacol Loz., Sudafed, Robitussin
487.	MM	Contusion, Head	ASA
		URI	Cepacol Loz., Actifed, ASA
488.	SD	N.V.	
489.	HT	N.V.	
490.	KA	N.V.	
491.	MM	N.V.	
492.	HG	Neurodermatitis	Periactin
493.	TW	N.V.	
494.	MM	Acute LBP/S	Parfon Forte
		Bronchitis	ASA
495.	JW	Tendonitis, Knee	Disalcid
		Hemorrhoids	Anusol Sup.
496.	BB	NSU	HC Cream 1% TCN
		Cellulitis, Hand (Insect Bite)	Reflex
497.	NS	N.V.	

498.	KA	N.V.		
499.	AB	Acute LBP/S	ASA	
500.	MB	N.V.		
501.	JM	G.E. Ankle Sprain G.E.	Kaopectate ASA ASA	
502.	DS	N.V.		Tigan
503.	CS	Chondromalacia Tonsilitis Arthalgia, Shoulder	Tylenol	Parfon Forte
504.	JD	N.V.		
505.	RG	Acute LBP/S		Norgesic
506.	DP	N.V.		
507.	WM	Vagina Moniliasis G.E. Anemia, Iron Deficiency	Kaopectate	Monistat Vag. Cream
		Gastritis Myositis Myositis, Arm	Mylicon CAMA CAMA	Ferrous Sulfate
508.	MS	Tendonitis, Bicipital Ankle Sprain		
509.	FM			Indocin Motrin
510.	NW	N.V.		
511.	JE	N.V.		
512.	JC	URI	Robitussin, Sudafed ASA	
513.	RH	Laceration, Finger	Bacitracin Oint.	
		G.E.	Kaopectate, ASA	
514.	CE	N.V.		
515.	TS	N.V.		
516.	JW	G.E.		Lomotil, Compazine
517.	TF	Tendonitis, Knee G.E. Myositis, Leg Serous Otitis Media Blisters, Feet Tendonitis, Leg URI Bronchitis	ASA Dramamine CAMA Afrin Bacitracin Oint. ASA	Dimetapp Indocin Dimetapp TCN
518.	AS	N.V.		
519.	WG	Sprain, Wrist URI	ASA ASA, Cepacol Loz.	
520.	MV	N.V.		
521.	PC	Bronchitis Blisters, Feet	Robitussin, Afrin Bacitracin Oint.	E-Mycin
522.	JW	N.V.		
523.	SB	N.V.		
524.	JV	N.V.		
525.	LB	URI	ADA Cap, Robitussin	

526.	JL	Pharyngitis	Dobells Sol.
527.	TA	Chrondomalacia	CAMA
528.	PM	Paronychia	Betadine Oint.
529.	OS	N.V.	
		Contusion, Ribs	ASA
		Arthalgia, Knee	CAMA
		Tendonitis,Wrist	Disalcid
530.	SB	N.V.	
531.	TP	NSU	TCN
532.	MK	N.V.	
533.	DP	Thoracic Back P/S	Parfon Forte
		URI	Actifed,Tylenol
534.	KK	Contusion, Arm	ASA
		Bronchitis	Robitussin
		Epicondylitis	Ampicillin
		Myositis	Indocin
535.	WM	Sprain, Toe	Robaxin
		Arthalgia,	
		Shoulder	Motrin
536.	TG	URI	Robitussin,Sudafed
537.	AW	N.V.	
538.	PH	Serous Otitis	
		Media	Actifed
		Urticaria	Benadryl
		Contusion, Head	Ecotrin
539.	TJ	N.V.	
540.	SH	N.V.	
541.	DM	URI	ADA Caps, Cepacol Loz.
			Tylenol, Robitussin
542.	MO	N.V.	
543.	MG	N.V.	
544.	JW	N.V.	
545.	CB	Shin Splints	Disalcid
546.	SP	HTN	HCTZ
		HTN	HCTZ
		Headache	ASA
		HTN	HCTZ
		HTN	HCTZ
547.	CL	N.V.	
548.	ML	Thoracic Back P/S	Parfon Forte
549.	DJ	Corn, Toe	Salicylic Acid Plasters
550.	RL	N.V.	
551.	LW	N.V.	
552.	FC	N.V.	
553.	EL	N.V.	
554.	MM	URI	Neo-synephrine Sol., Sudafed,Robitussin
		URI	ASA,Robitussin
		Ankle Sprain	Tylenol, Analgesic Balm
		Sinusitis	ADA Cap,Robitussin
		Arthalgia,Knee	CAMA
		Arthalgia,Knee	Indocin

		URI	ADA Cap, Robitussin, ASA	
555.	JS	Chondromalacia Pharyngitis URI	ASA Tylenol	Indocin Pen VK
556.	MG	Pharyngitis Acute LBP/S Arthalgia, Knee Shin Splints	Dobells Sol. ASA	Motrin Motrin
557.	LL	Laceration, Face Cervical P/S	Bacitracin Oint.	Parfon Forte
558.	RS	Acute LBP/S Metatarsalgia Tinea Cruris Epicondylitis	Norgesic Motrin Lotrimin Sol.	
559.	EF	Pharyngitis UTI Tendonitis, Knee	ASA Dobells Sol.	Pen VK Septra Motrin
560.	SQ	Anual Fissure Tonsilitis URI Bronchitis	Anusol Sup. Nupercaine Oint. Sudafed, Tylenol Robitussin	Pen VK TCN
561.	LR	Condylomata Acuminata Bronchitis URI	Tylenol Actifed	Podophyllum TCN
562.	JA	Chondromalacia Impetigo	CAMA	Atarax, E-mycin
563.	TW	URI Tonsilitis	Robitussin	Pen VK
564.	JC	N.V.		
565.	MC	Tinea Cruris G.E. URI Tonsilitis URI Tinea Cruris	Kaopectate Sudafed, Robitussin Sudafed, Robitussin	Tinactin Sol. Compazine E-mycin Tinactin Sol. Compazine Lomotil
566.	AM	G.E. Pharyngitis G.E. G.E. Acute Prostatitis Epididymitis	ASA Kaopectate	Pen VK Lomotil Septra, Pyridium Septra, Indocin
567.	RH	N.V.		
568.	NR	N.V.		
569.	MB	N.V.		
570.	RW	Condylomata Acuminata		Podophyllum
571.	JB	Dental Pain		Motrin
572.	WS	Ankle Sprain URI Shin Splints	CAMA Afrin, Tylenol CAMA	Dimetapp

		Sinusitis	ADA Caps
573.	AL	URI	Cepacol Loz., Sudafed, Robitussin
		PFB	Surgex Prep Kit, Fostex Cream
574.	BL	Contusion, Hip	CAMA, Analgesic Balm
		Headache	Tylenol
		Headache	Tylenol
575.	AA	Achilles Tendonitis	Motrin
		G.E.	Kaopectate
576.	JH	Myositis, Leg	CAMA
		G.E.	Kaopectate
		Hordeolum	Neosporin Ophth Oint. Pen VK
		Myalgia, Groin	Motrin
577.	WB	Contact Dermatitis	Kenalog Cr
578.	TZ	Contusion, Head	ASA
579.	MR	Conjunctivitis	Sulamyd
		Acute LBP/S	Norgesic
		Acute LBP/S	Norgesic
580.	KE	G.E.	Kaopectate
581.	DE	URI	Robitussin, Tylenol, Sudafed
		Costrochondritis	ASA
		URI	Sudafed
582.	CH	N.V.	
583.	DR	N.V.	
584.	PW	Acute LBP/S	Robaxin
		Tinea Pedis	Tinactin Sol
		Acute LBP/S	Norgesic
		Pharyngitis	
585.	GA	URI	Cepacol Loz.
		Epididymitis	Robitussin, Tylenol, Sudafed
586.	JS	Arthalgia, Knee	ASA
587.	MQ	G.E.	
588.	DM	N.V.	Lomotil
589.	WC	URI	
590.	DS	G.E.	Sudafed, Robitussin, Cepacol Loz.
591.	DW	URI	Kaopectate, Mylanta
592.	MM	N.V.	Actifed, Cepacol Loz., Neo-synephrine
593.	JC	N.V.	
594.	TH	N.V.	
595.	RM	N.V.	
596.	EH	Acute LBP/S	Norgesic
		URI	ASA, Sudafed
		Pneumonitis	Ampicillin
		G.E.	Tigan
		Pneumonitis	E-mycin
		Insect bites	
		Tinea Pedis	Micatin Cr
597.	RM	Abrasions, Face	Bacitracin Oint.

598.	TE	URI Acute LBP/S Acute LBP/S	Drixoral, Robitussin Parfon Forte Parfon Forte
599.	RW	N.V.	
600.	LC	N.V.	
601.	EH	G.E. Contusion, Foot	Kaopectate ASA Donnatol, TCN
602.	RB	N.V.	
603.	RG	Asthma Asthma	Alupent Inhaler Theolair Alupent Inhaler Theolair
604.	WG	Hemorrhoids Contusion, Hand Arthalgia, Knee	Anusol Sup. ASA Norgesic
605.	JW	Hemorrhoids Anal Fissure Vagina Moniliasis	Anusol Sup. Colace, Metamucil Monistat Vag.Cr
606.	DK	Myositis, Leg	Analgesic Balm
607.	LA	N.V.	
608.	KD	NSU	TCN
609.	JG	N.V.	
610.	TH	Hemorrhoids Tonsilitis	Anusol Sup., Nupercaine Oint. Pen VK
611.	BL	Callosities, Toe	Salicyclic Acid Plasters
612.	JW	N.V.	
613.	JW	Impetigo Bronchitis	Bacitracin Oint. Pen VK Entex, E-mycin
614.	RM	Sinusitis	Actifed
615.	MS	N.V.	
616.	JV	Contusion, Hand URI URI Arthalgia, Knee Tonsilitis Dental Pain G.E. Abrasion, Foot Chondromalacia Tonsilitis G.E.	ASA Sudafed, Robitussin CAMA, Sudafed, ETH Disalcid ASA Bacitracin Oint. ASA Cepacol Loz. Kaopectate ASA Cepacol Loz., ADA Cap CAMA ASA CAMA ASA Kaopectate ASA Robitussin ASA Actifed, Robitussin, Pen VK Tigan
617.	RD	URI Arthalgia, Knee	Tylenol, Cepacol Pen VK
618.	FJ	Sprain, Finger	ASA
619.	CW	A-C Strain Tendonitis, Knee	CAMA ASA
620.	BB	G.E.	Kaopectate
621.	JR	N.V.	
622.	JA	Bronchitis	Robitussin Ampicillin
623.	RA	Tendonitis, Knee	ASA
624.	JD	URI	Actifed, Robitussin,

		Gastritis	Tylenol
		URI	Mylanta
			Tylenol, Drixoral
			Cepacol Loz.
		Laryngitis	Robitussin, Cepacol
		URI	Actifed, Tylenol,
			Robitussin
625.	RS	Gastritis	Mylanta
		Acute LBP/S	Tylenol, Analgesic Balm
626.	DB	N.V.	
627.	KG	Cerumen Impact- ation	Debrox
628.	BM	N.V.	
629.	EV	N.V.	
630.	MR	Arthalgia, Knee	ASA
		Gastritis	Gaviscon
		Tonsilitis	
		Contusion, Foot	ASA
631.	GF	PFB	Surgex Prep Kit
		Tinea Corporis	Benadryl
		URI	Cepacol Loz.
632.	FJ	N.V.	
633.	RC	N.V.	
634.	RL	URI	Sudafed, ASA, Robitussin
635.	JS	N.V.	
636.	JT	Vagina Moniliasis	Nystatin Vag. Tabs
		URI	ADA Cap, Robitussin
		Arthalgia, Knee	Norgesic
		Arthalgia, Knee	Norgesic
637.	RJ	N.V.	
638.	AS	N.V.	
639.	SS	N.V.	
640.	MH	N.V.	
641.	GM	N.V.	
642.	MF	Acute LBP/S	Disalcid
		Dysuria	Pyridium
		Contusion, Face	ASA
		Burn, 2°, Leg	Silvadene Cr
		Costrochondritis	Norgesic
		Contusion, Chest	CAMA
		Contusion, Chest	CAMA
		Vagina Moniliasis	Monistat Vag.Cr
		URI	Sudafed, Robitussin, Cepacol Loz.
643.	GO	N.V.	
644.	EA	N.V.	
645.		Mylagia, Foot	CAMA
		URI	Robitussin, Sudafed, Tylenol
		PFB	Surgex Prep Kit
		PFB	Surgex Prep Kit
		Contusion, Finger	ASA

		PFB	Surgex Prep Kit	
646.	DW	N.V.		
647.	DW	N.V.		
648.	DH	N.V.		
649.	FR	N.V.		
650.	WR	Ganglion, Wrist Laceration, Knee	ASA Bacitracin Oint.	
651.	GB	N.V.		
652.	PH	Myositis, Leg		Indocin
653.	RE	N.V.		
654.	AS	Tendonitis, Foot GC Arthalgia, Shoulder		Indocin Benemid
655.	CF	Frostbite, Ear Atopic Derm.	ASA	
656.	DH	Acute LBP/S Acute LBP/S Chronic LBP/S w/ Sciatica		Kenalog Cr Robaxin Norgesic
657.	JG	Acute LBP/S Acute LBP/S		Indocin Parfon Forte
658.	DE	Acne		Robaxin, Motrin
659.	MR	Shin Splints	Analgesic Balm	E-Mycin
660.	RL	Contusion, Leg	ASA	Indocin
661.	DW	N.V.		
662.	KK	N.V.		
663.	RH	Bronchitis Dental Pain	Phenergan Exp. ASA	TCN
664.	ME	Allergic Rhinitis Tonsilitis Allergic Rhinitis Allergic Rhinitis		Entex Pen VK
665.	VB	N.V.		
666.	TT	N.V.		
667.	DT	Acute LBP/S Acute LBP/S Sinusitis Sinusitis	Disalcid ADA Cap Neo-Synephrine	Motrin
668.	DP	N.V.		
669.	EK	Bronchitis URI URI	Phenergan Exp. Robitussin Robitussin	Keflex
670.	HI	Abrasion, Leg	Bacitracin Oint. G.E.	Kaopectate
671.	JN	PFB PFB PFB	Surgex Prep Kit Fostex Cream Surgex Prep Kit, Fostex Cream	HC Cr 1%
672	RW	Acute LBP/S Corneal Abrasion		HC Cr 1% Norgesic Neosporin Ophth Oint.
673.	MH	URI Laceration, Face	Robitussin, Sudafed Bacitracin Oint.	

		Contusion, Foot	ASA	
674.	DW	N.V.		
675.	MT	N.V.		
676.	DW	Shin Splints		Indocin
		Myositis, Leg	Disalcid	
		Myositis, Leg	Analgesic Balm	
677.	AP	URI	Cepacol Loz., ASA	
678.	JW	N.V.		
679.	CC	Myositis, Leg	Tylenol	
		Tendonitis, Wrist	CAMA	
680.	RS	Ankle Sprain	ASA	
681.	KA	Contusion, Hand	ASA	
682.	DU	Acne		TCN
		Pre-Menstrual		
		Tension Syndrome		HCTZ
		Pre-Menstrual		
		Tension Syndrome		HCTZ
683.	BZ	N.V.		
684.	TG	Acute LBP/S	CAMA, Analgesic Balm	
685.	JP	N.V.		
686.	MJ	N.V.		
687.	CM	Acute LBP/S		Norgesic
		Acne	Fostex Cream	TCN
688.	MU	N.V.		
689.	TD	Tinea Versicolor		Mycelex
		UTI		TCN
		Epididymitis		TCN, Indocin
690.	WF	Gastritis	Mylanta	
		Ankle Sprain	ASA	
		Gastritis		Bentyl
		Nummular Derm.		Kenalog Cr,
				Atarax
				Parfon Forte
691.	JV	Acute LBP/S		
		Chondromalacia		Motrin
		Chondromalacia		Motrin
692.	BT	Acute LBP/S		Norgesic
		Acute LBP/S	Analgesic Balm	Norgesic
		Acute LBP/S		Robaxin
693.	DP	URI	Sudafed, Robitussin	
			Tylenol	
			Ecotrin	
			Kaopectate	
694.	WD	G.E.		
		PFB	Surgex Prep Kit	HC Cr 1%
		URI	Sudafed, Robitussin	
			Cepacol Loz.	
695.	RA	Laceration, Face	Bacitracin Oint.	
		Insect Bites		Periactin
		URI	Tylenol	
696.	CL	Tendonitis, Knee	CAMA	
		Tinea Versicolor	Selsun	
		Contact Derm.		HC Cr 1%
697.	JS	Conjunctivitis		Neosporin
				Ophth Sol.
		Stomatitis		Kenalog in

			Orabase	
		Conjunctivitis,		
		Chemical	Sulamyd	
		URI		
			Robitussin, CAMA, ADA Cap, Cepacol Loz.	
698.	KP	Bronchitis	TCN	
		Bronchitis		
		Acne	Ampicillin	
			Benzoyl Peroxide	
			Desquam X	
699.	BR	N.V.		
700.	LR	N.V.		
701.	RC	Arthalgia, Knee	ASA	
702.	DH	N.V.		
703.	MM	G.E.	Kaopectate	Compazine
		Gastritis	Mylanta, ASA	
		Sinusitis		
		Allergic Rhinitis	Decadron Turbinaire Entex	
704.	BW	N.V.		
705.	WS	N.V.		
706.	VM	N.V.		
707.	RH	Ankle Sprain	ASA	
708.	WJ	N.V.		
709.	SA	N.V.		
710.	DW	Bronchitis	Robitussin	Pen VK, Theolair Robaxin
		Acute LBP/S		
		Tendonitis, Knee	CAMA	
711.	ET	Burn, 1°, Hand		Silvadene Cr
712.	SN	N.V.		
713.	JC	Allergic Rhinitis	CTM	
714.	RS	Cervical P/S		Norgesic
715.	DM	Hemorrhoids	Anusol Sup., MOM	
		Urticaria	Benadryl	
716.	GB	N.V.		
717.	DD	Contact Derm.		HC Cr 1%, Atarax
		Laceration, Hand	Betadine Oint.	
718.	KT	N.V.		.
719.	CO	N.V.		
720.	JF	URI	Robitussin, CTM	
721.	MS	N.V.		
722.	JM	N.V.		
723.	BH	N.V.		
724.	WW	N.V.		
725.	DR	Headache	CAMA	
726.	MB	Carbuncle		TCN
727.	GK	Acute LBP/S	ASA, Analgesic Balm	Robaxin
728.	GR	N.V.		
729.	JK	G.E.	Kaopectate, ASA	
		Cervical P/S	CAMA, Analgesic Balm	Norgesic
730.	DL	N.V.		
731.	MW	URI	Actifed, Cepacol Loz. Robitussin	

		URI	Robitussin, ADA Caps Cepacol Loz.
		Acne	Desquam X, Fostex Soap
732.	PC	Sprain, Ankle	CAMA
		UTI	Septra, Pyridium
733.	JD	N.V.	
734.	AL	N.V.	
735.	TR	N.V.	
736.	JF	Ankle Sprain	ASA
737.	LC	Acute LBP/S	ASA
738.	DW	G.E.	Kaopectate
739.	LB	Mylagia, Foot	CAMA, Analgesic Balm
		Tendonitis, Foot	CAMA
740.	VS	Vaginitis, Nonspecific	
		UTI	E-Mycin Septra
741.	SW	Headache	Tylenol
		Pharyngitis	Robitussin, ASA, Sudafed
742.	LL	N.V.	
743.	JL	N.V.	
744.	JS	URI	Robitussin, Cepacol Loz.
745.	TF	Thoracic Back P/S	CAMA
		Chondromalacia	ASA
		Arthalgia, Shoulder	Fiorinal
746.	WI	Contusion, Shoulder	ASA
747.	RN	Myositis, Leg	CAMA
		URI	Sudafed, Mylanta, ETH, Cepacol Loz.
748.	DH	G.E.	Kaopectate
749.	DK	G.E.	Tigan Lomotil
750.	HB	N.V.	
751.	KR	N.V.	
752.	MF	HTN	HCTZ
		HTN	HCTZ
		HTN	HCTZ
753.	DB	N.V.	
754.	RL	N.V.	
755.	TS	Pharyngitis	Pen VK
		Thoracic Back P/S	Motrin
		Pruritus Ani	Periactin
756.	JJ	Tinea Cruris	Tinactin Sol.
		Tinea Cruris	Tinactin Sol.
757.	BS	N.V.	
758.	MB	N.V.	
759.	PK	Pharyngitis	Pen VK
760.	BL	N.V.	
761.	MR	Furuncle, Buttocks	Tegopen
762.	AS	URI	Tylenol, Actifed
763.	TS	N.V.	
764.	RE	URI	Cepacol Loz.

765.	JA	N.V.		
766.	CC	N.V.		
767.	RK	Gastritis	Gaviscon	
768.	RG	N.V.		
769.	WW	N.V.		
770.	JJ	HTN	HCTZ	
771.	RR	Arthalgia, Wrist	ASA	
772.	DG	N.V.		
773.	LA	Arthalgia, Wrist		
774.	JC	URI	CAMA, Robitussin Sudafed	
775.	JV	Shin Splints	ASA	
776.	DM	N.V.		
777.	MM	N.V.		
778.	TN	Conjunctivitis	Neosporin Ophth Sol.	
		Ankle Sprain	Motrin	
779.	KR	Cervical P/S	Parfon Forte	
780.	DL	N.V.		
781.	RP	NSU	TCN	
782.	DB	N.V.		
783.	NM	N.V.		
784.	LP	Ankle Sprain	ASA	
785.	IR	Thoracic Back P/S	Parfon Forte	
786.	JL	N.V.		
787.	BM	NSU	TCN	
788.	DT	N.V.		
789.	SM	N.V.		
790.	JM	Acute LBP/S	Robaxin	
791.	HE	Acute LBP/S	Disalcid	
		Blisters, Feet	Bacitracin Oint.	
792.	KM	N.V.		
793.	WA	N.V.		
794.	JB	N.V.		
795.	DK	URI	Robitussin, ASA, Actifed	
		Blisters, Feet	Bacitracin Oint.	
		URI	Sudafed, ASA, Cepacol Loz.	
796.	CS	Ankle Sprain	ASA	
797.	CS	N.V.		
798.	HL	G.E.	Donnatol Tigan	
		Headache	ASA	
		G.E.	Tigan	
		Acute LBP/S	Norgesic	
		Acute LBP/S	Norgesic	
799.	DH	N.V.		
800.	EE	N.V.		
801.	PH	Contusion, Leg	CAMA	
		HTN	HCTZ	
		HTN	HCTZ	
		URI	ADA Caps, Tylenol	
		HTN	HCTZ	

802.	DJ	Vagina Moniliasis Externa Otitis	Monistat Vag.Cr Cortisporin Otic Sol.	
		Allergic Conjunctivitis	CTM	
		URI	Actifed, Afrin	
		Acute LBP/S	Parfon Forte	
803.	MK	N.V.		
804.	RD	Mylagia, Leg	Motrin	
805.	CT	HTN	Dyazide, Inderol	
806.	RP	GC	Benemid	
807.	ML	N.V.		
808.	CA	URI	Cepacol Loz., Tylenol, Robitussin, ADA Caps	
809.	ER	URI	CAMA	
810.	RW	Cervical P/S	Analgesic Balm	Norgesic
811.	JB	Myositis, Arm Tendonitis, Ankle	ASA	Motrin
812.	PC	N.V.		
813.	DH	Laceration, Scalp	Betadine Oint.	
814.	AG	N.V.		
815.	JC	N.V.		
816.	KW	N.V.		
817.	LF	Gastritis Seborrheic Derm.	Mylanta Selsun	Tagamet
818.	DB	N.V.		
819.	KA	N.V.		
820.	AJ	URI	Sudafed	Tigan
821.	SM	G.E. G.E. Pharyngitis UTI Serous Otitis Media Headache Headache, Tension Headache Otitis Media G.E. URI	Tylenol Actifed Actifed Robitussin, Actifed	Tigan E-Mycin Ampicillin
			CTM	Fiorinal Valium Fiorinal E-Mycin
822.	JM	N.V.		
823.	KD	Pharyngitis Contusion, Face Wrist, Sprain	Cepacol Loz. ASA CAMA	
824.	MU	Arthalgia, Shoulder		Norgesic
825.	CW	URI	Robitussin, Sudafed, Dobell's Sol.	
		URI	Robitussin, Cepacol Loz., Sudafed	
		Pharyngitis	Cepacol Loz.	
		URI	Actifed, Robitussin	
826.	FF	GC		TCN
827.	AM	N.V.		

828.	TS	N.V.		
829.	RT	Externa Otitis		Cortisporin Otic Sol.
		G.E.	ASA	Lomotil
830.	DV	Cervical P/S		Norgesic
		Shin Splints		Indocin
831.	AO	URI	Sudafed, CAMA	Dimetapp
		Allergic Rhinitis		
832.	CS	N.V.		
833.	CC	Acute LBP/S		Norgesic
		UTI		Septra, Pyridium
		Thoracic Back P/S		ParfonForte
				Fiorinal
834.	CL	N.V.		
835.	LW	Menstrual Cramps	Tylenol	Norgesic
836.	JC	Cervical P/S		
		Peptic Ulcer		
		Disease	Gaviscon	Tagamet
		Costochondritis		Norgesic
837.	MS	Contusion, Head	Tylenol	
		Arthalgia, Knee	CAMA	
		Arthalgia, Knee	ASA	
		URI	Actifed, Robitussin,	
			Tylenol	
838.	RK	URI	Sudafed, ASA	
		URI	Robitussin	
		Pharyngitis	Actifed, Robitussin	
			Sudafed, Robitussin	
			ASA, Cepacol Loz.	
839.	TG	Acute LBP/S		Robaxin, Tylenol #3
		Constipation	MOM	
		Laceration, Face	Bacitracin Oint.	
		Cervical P/S	Disalcid	Valium
		Contusion, Leg	CAMA	
840.	DT	G.E.	Kaopectate	Tigan
		Laceration, Hand	Betadine Oint.	
		Tinea Pedis	Desenex Powder	
841.	AW	Frost Bite, Toes	ASA	
		Pharyngitis	Cepacol Loz.	
		Laceration,		
		Finger	Betadine Oint.	
		Acne	Desquam X, Fostex	
			Soap	
		Arthalgia, Knee	ASA	
		Contusion, Hand	ASA	
842.	RM	Acute LBP/S		Norgesic
		Paronychia	Betadine Oint.	
843.	TL	Contusion, Hand	CAMA	
		Pharyngitis		Pen VK
844.	BR	URI	ASA, Cepacol Loz,	
			Robitussin	
		Acute LBP/S	Analgesic Balm	Norgesic
		Contusion, Leg		Naprosyn

		Sprain, Thumb	Naprosyn
845.	MH	URI	Sudafed, Robitussin CAMA
846.	CA	Contact Dermatitis	HC Cr 1%
		URI	CAMA, Sudafed, Robitussin
		Contact Dermatitis	Benadryl
		Callosities	Salicyclic Acid Plasters
847.	BM	T-M-J Syndrome	Tylenol
848.	JW	URI	Sudafed, Cepacol Loz.
		PFB	Surgex Prep Kit
849.	HW	G.E.	Lomotil
		Pharyngitis	E-Mycin
850.	RB	UTI	Septra
		Gastritis	Donnatal
		Vagina	
		Trichomoniasis	Flagyl
		Tinea Cruris	Tinactin Sol.
851.	CK	Epididymitis	Indocin, TCN
		Thoracic Back P/S	Robaxin
		URI	Drixoral
		Tendonitis, Bicipital	Feldene
852.	EC	Acute LBP/S	Norgesic
		Ankle Sprain	
		Ankle Sprain	Motrin
853.	DS	Ankle Sprain	
		Tinea Pedis	CAMA
		Myositis, Leg	Tinactin Sol.
854.	MM	URI	ASA
		HTN	Sudafed, Robitussin,
		HTN	CAMA
		HTN	HCTZ
855.	SY	Acute LBP/S	ASA
856.	NM	N.V.	
857.	PS	Tenosynovitis, Foot	CAMA
		URI	Robitussin, Sudafed, Cepacol Loz.
		Acute LBP/S	Analgesic Balm
		Asthma	Parfon Forte
858.	RA	Arthalgia, Knee	Quibron
859.	PI	Tendonitis, Knee	Motrin
		Tendonitis, Knee	Disalcid
860.	RT	Laceration, Toe	Disalcid
861.	WC	Acute LBP/S	Bacitracin Oint.
		Blisters, Foot	CAMA, Analgesic
		G.E.	Balm
862.	CK	Contusion,	Norgesic
		Kaopectate, Mylanta	

		Shoulder URI	CAMA Sudafed, Cepacol Loz., ASA
864.	TM	N.V.	
865.	ML	N.V.	
866.	ET	Synovitis, Finger	Motrin
867.	JM	Corn, Foot	Salicyclic Acid Plasters
868.	JH	Tinea Pedis	Mycelex
869.	JR	PFB	Surgex Prep Kit HC Cr 1%
		PFB	Surgex Prep Kit HC Cr 1%
		Ankle Sprain	CAMA
		PFB	Surgex Prep Kit HC Cr 1%
870.	SH	Pharyngitis	Cepacol Loz.
871.	JS	Tendonitis, Knee	ASA
		URI	Tylenol, ADA Caps, Sudafed, Cepacol Loz.
		Ankle Sprain	Tylenol
872.	N.V.		E-Mycin, Accutane
873.	DS	Acne	
		Headache	Tylenol
		Acne	E-Mycin, Accutane
874.	CJ	G.E.	Kaopectate, Mylanta
875.	LW	Gastritis	Dramamine
876.	AF	Shoulder Strain	Parfon Forte
		Pharyngitis	Pen VK
		G.E.	Bentyl
877.	RR	N.V.	
878.	CD	N.V.	
879.	GH	G.E.	Compazine
		Tonsilitis	Pen VK
		Condylamata	
		Acuminata	Podophyllum
880.	TR	N.V.	
881.	WM	N.V.	
882.	JA	Sinusitis	ASA
		NSU	TCN
883.	JS	N.V.	
884.	DW	Tonsilitis	Pen VK
		Ankle Sprain	
885.	BF	URI	Robitussin
		Serous Otitis	Dimetapp
		Media	
		URI	Afrin, Actifed
		G.E.	Cepacol Loz.
		Serous Otitis	
		Media	Compazine
		G.E.	
		Serous Otitis	E-Mycin
		Media	Tigan
886.	RP	N.V.	
887.	TR	Bronchitis	Phenergan Exp.
			Sudafed
		Epididymitis	Ampicillin
			Ampicillin,

				Indocin
		Epididymitis		Flagyl
		Epididymitis		Indocin
		Pharyngitis	Robitussin, CAMA	E-Mycin
		Atopic Dermatitis		Lidex Cream
888.	LR	Burn, 1°, Face	Bacitracin Oint.	Monistat Vag.
		Vagina Moniliasis		Cream
889.	EK	Atopic Dermatitis	Benadryl	HC Cr 1%
		Conjunctivitis		Sulamyd
890.	SS	URI	Cepacol Loz.	
		Gastritis	Dramamine	
891.	AF	Myositis, Leg		Norgesic
		Chondromalacia	CAMA	
		Arthalgia, Large		
		Toe	Disalcid	
		Bronchitis	Tylenol	Ampicillin
		Tonsilitis	ASA	Pen VK
		URI	Actifed, Robitussin,	
			Cepacol Loz.	
		URI	Actifed, Robitussin	
892.	TR	URI	Actifed	.
		Hemorrhoids	Anusol Sup., Colace	
893.	WM	N.V.		Indocin
894.	KS	Tendonitis, Foot		
895.	GD	Contusion, Chest	ASA	Entex
896.	OR	URI		
		URI	Sudafed	Tigan
		G.E.		
897.	EB	Laceration, Face	Bacitracin Oint.	
898.	DS	URI	ASA	Dimetapp
		Thoracic Back P/S		Parfon Forte
		Acute LBP/S	CAMA	
		Pharyngitis		Pen VK
899.	RR	Sprain Ankle	ASA	
		Contusion, Chest	CAMA	
		URI	Sudafed, Robitussin	
			Cepacol Loz.	
		Tinea Cruris	Tinactin Sol.	
900.	JM	Allergic Rhinitis	Drixoral	
		Allergic Rhinitis	CTM	
		Allergic		Vasacon A
		Conjunctivitis		Ophth Sol.
				Naprosyn
		Myositis, Leg		Parfon Forte
		Acute LBP/S		Entex, Pen VK
		Otitis Media		Septra
901.	EC	UTI		
902.	AJ	N.V.		
903.	WJ	N.V.		
904.	TK	N.V.		
905.	WK	Epididymitis		Indocin
906.	SV	URI	Robitussin, ADA Caps,	
			ASA	

907.	GE	N.V.	
908.	DM	Vagina Moniliasis	Monistat Vag. Cream
909.	TG	URI NSU URI Acute LBP/S Anal Fissure Calcaneitis	Drixoral, ASA Sudafed, Robitussin CAMA Colace HC Cr, 1% Motrin
910.	AD	N.V.	TCN
911.	RS	Acne Pharyngitis Pharyngitis	Fostex Soap Actifed
912.	JS	N.V.	TCN, Retin-A Pen Vk
913.	PP	Callosities, Foot	Salicyclic Acid Plasters
		Ankle Sprain	Tylenol
914.	RA	N.V.	
915.	CS	Pharyngitis Acute LBP/S Acute LBP/S	Dobells Sol. Tylenol
916.	BL	Pityriasis Rosea Serous Otitis Media URI	. Sudafed, Afrin Afrin, Tylenol Sudafed
917.	JM	Myositis, Leg	ASA
918.	JS	Shin Splints	CAMA
919.	TW	N.V.	
920.	IS	N.V.	
921.	SS	N.V.	
922.	TR	N.V.	
923.	MM	Menstrual Cramps Myositis, Abdomen	ASA
924.	PE	PID G.E. Shin Splints URI Shin Splints	Kaopectate CAMA Cepacol Loz., CAMA Tylenol, CAMA
925.	AC	Miliaria	Parfon Forte Septra
926.	RO	N.V.	
927.	JM	N.V.	
928.	KH	N.V.	
929.	BH	URI Asthma Hemorrhoids	Sudafed Theolair, TCN
930.	LL	Sinusitis	Anusol Sup., Colace
931.	GM	URI	Drixoral, Tylenol Robitussin, Tylenol
932.	MF	N.V.	
933.	LH	N.V.	
934.	JP	N.V.	
935.	TW	N.V.	
936.	KH	Contusion, Leg	ASA

		URI	Robitussin, Cepacol Loz.	
		Shin Splints Conjunctivitis		Motrin Vasocon-A Ophth Sol.
937.	JR	Ankle Sprain	ASA, Analgesic Balm	
938.	DM	Acute LBP/S		Norgesic
939.	JS	Thoracic Back P/S		Norgesic
		URI	Sudafed, ASA, Robitussin	
940.	MS	URI Pharyngitis	Drixoral Cepacol Loz.	
941.	RS	N.V.		
942.	BR	Functional Bowel Syndrome Functional Bowel Syndrome UTI Functional Bowel Syndrome Contusion, Toe Functional Bowel Syndrome	Mylanta Mylanta ASA Mylicon	Librax Bentyl Septra, Pyridium
943.	DD	N.V.		
944.	OS	N.V.		
945.	WW	Bronchitis	ASA	Theolair, E-Mycin
946.	SB	DJD, Knee DJD, Knee DJD, Knee DJD, Knee DJD, Knee	Disalcid CAMA CAMA CAMA CAMA	
947.	GS	N.V.		
948.	CG	Callosities	Salicyclic Acid Plasters	
		URI	CAMA, Sudafed	
949.	MK	N.V.		
950.	AS	N.V.		
951.	RM	N.V.		
952.	MP	N.V.		
953.	SP	G.E. Hidradenitis Suppurativa G.E.		Compazine E-Mycin
		URI	Benadryl, Dramamine	
954.	DM	G.E.	Sudafed, CAMA	
		Tension Headache	Kaopectate	
955.	AP	Gastritis		Fiorinal
956.	CC	Contusion, Toe Insect Bites	Mylanta ASA	
		Bronchitis	ADA Caps, ETH	Atarax, Kenalog Cream
957.	CB	N.V.		Ampicillin
958.	CS	N.V.		
959.	WF	N.V.		

960.	TJ	Tonsilitis URI UTI	Tylenol Cepacol Loz., Tylenol Septra	Pen VK
961.	NM	N.V.		
962.	BC	N.V.		
963.	DE	N.V.		
964.	PL	N.V.		
965.	RC	Burn, lo, Arm		Silvadene Cr
966.	SL	Tendonitis, Bicipital	ASA	
967.	CB	N.V.		
968.	SJ	Contact Derm Contact Derm Vagina, Moniliasis	Benadryl, Calamine Lotion	Kenalog Monistat Vag. Cream
969.	CA	N.V.		
970.	CW	Chronic LBP/S w/Sciatica Chronic LBP/S Tinea Cruris Tension Headache		Indocin Indocin Mycelex Norgesic
971.	FH	N.V.		
972.	DW	N.V.		
973.	SR	N.V.		
974.	LB	Acute LBP/S		Motrin
975.	SM	Hemorrhoids	Anusol Sup.	
976.	LP	N.V.		
977.	ES	Pharyngitis	ASA, Cepacol Loz.	Pen VK
978.	JB	Arthalgia, Knee	CAMA, Analgesic Balm	
979.	SW	N.V.		
980.	SO	Ankle Sprain Contusion, Knee Gastritis Tinea Cruris	CAMA CAMA Mylanta Tinactin Sol.	Donnatal
981.	BC	Gastritis Acute LBP/S URI Acute LBP/S Chronic LBP/S w/Sciatica	Mylicon Cepacol Loz., CTM Disalcid	Motrin Parfon Forte Motrin, Parfon Forte
982.	PT	PFB	Surgex Prep Kit	
983.	AD	N.V.		
984.	RR	N.V.		
985.	DR	UTI URI	Sudafed	TCN, Pyridium
986.	MP	Arthalgia, Shoulder Hemorrhoids	ASA Anusol Sup.	
987.	CC	N.V.		
988.	BH	Acute LBP/S	Analgesic Balm	
989.	GR	N.V.		

990.	JP	Contusion, Chest		Naprosyn
991.	CA	Contact Derm	Benadryl	Kenalog
992.	DC	N.V.		
993.	JM	N.V.		
994.	WB	Asthma		Theolair
		Asthma		Alupent Inhaler
995.	ME	Sinusitis		Theolair
996.	FF	NSU		E-Mycin,
997.	WT	G.E.	Kaopectate	Dimetapp
998.	VW	URI	Cepacol Loz, Sudafed,	TCN
			Robitussin	
999.	MM	Contusion, Head	ASA	
1000.	SD	N.V.		
1001.	HT	N.V.		
1002.	RA	N.V.		
1003.	MM	N.V.		
1004.	HG	Neurodermatitis		Periactin
1005.	TW	N.V.		
1006.	MM	N.V.		
1007.	JW	Hemorrhoids	Anusol Sup.	
1008.	BB	N.V.		
1009.	NS	URI	Sudafed, Tylenol	
		G.E.	Kaopectate	
1010.	KA	N.V.		
1011.	AB	Ankle Sprain	ASA	
		Acute LBP/S	ASA	
1012.	MB	PFB	Surgex Prep Kit	
1013.	JM	URI	Phenergan Exp.	
		G.E.	Kaopectate	
		Ankle Sprain	ASA	
1014.	DS	N.V.		
1015.	JS	Bronchitis		Entex, TCN
1016.	CS	Tonsilitis	Tylenol	Pen VK
1017.	JD	N.V.		
1018.	RG	N.V.		
1019.	DP	N.V.		
1020.	MS	Headache	CAMA	
		Gastritis	Mylicon	
		Myositis, Leg	CAMA	
1021.	FM	Bicipital Tendonitis		Indocin
1022.	CC	Myositis, Leg		Norgesic
		Achilles Tendon-		
		itis	ASA, Analgesic Balm	
1023.	ML	Calcaneal Stress		
		Reaction	ASA, Analgesic Balm	
1024.	AM	Sprain Ankle	CAMA	
1025.	GD	N.V.		
1026.	TM	URI	Actifed, Robitussin	
		UTI		Septra, Pyridium
		Gastritis		Compazine
		Vagina Moniliasis		Monistat Vag.Cr
		Mylagia, Foot	Analgesic Balm	

1027.	LS	N.V.	
1028.	PP	N.V.	
1029.	JJ	N.V.	
1030.	DS	Ankle Sprain	Tylenol
1031.	DZ	Pharyngitis	Cepacol Loz., Robitussin
1032.	PB	N.V.	
1033.	CT	N.V.	
1034.	VB	Chondromalacia G.E. G.E.	CAMA Kaopectate G.E. Tylenol URI Sudafed, Tylenol, Phenergan Exp.
			Compazine Lomotil Tigan
		G.E.	Compazine
1035.	JA	Hemorrhoids	Anusol Sup.
1036.	DW	URI	Sudafed, Tylenol
1037.	PS	N.V.	
1038.	DO	URI	Sudafed
1039.	RS	N.V.	
1040.	TD	Acute LBP/S	Analgesic Balm
1041.	EK	N.V.	
1042.	FF	URI	ADA Caps, CAMA Sudafed, Robitussin
1043.	JP	Contusion, Foot Tinea Cruris Tinea Cruris Stress Fracture, Toe	CAMA Tinactin Sol.
			Mycolog
			Indocin
1044.	WH	URI	Robitussin, Sudafed Tylenol
1045.	LG	Tendonitis, Knee	ASA
1046.	TS	Bronchitis	Robitussin
1047.	DR	N.V.	Ampicillin
1048.	MS	Vagina Moniliaisis	Monistat Vag Cr.
			Aristocort Cr.
1049.	DR	Atopic Dermatitis Achilles Tendonitis URI	Indocin Actifed, Robitussin
1050.	MG	Ankle Sprain	ASA
1051.	CA	Epididymitis G.E.	TCN, Indocin Kaopectate
1052.	ET	URI	Sudafed, Robitussin
		Callosities	Salicyclic Acid Plasters
1053.	AG	N.V.	
1054.	DH	Paronychia	Bacitracin Oint.
1055.	PT	Carbuncle, Face	TCN
1056.	JS	TMJ Syndrome	CAMA
1057.	WC	URI	Actifed
		Tinea Corporis	Dimetapp Micatin

		Tonsilitis	Tylenol, Cepacol Loz.	
1058.	OM	Acute LBP/S URI	Robitussin	Norgesic
1059.	JS	N.V.		
1060.	TL	N.V.		
1061.	CR	N.V.		
1062.	DF	N.V.		
1063.	TG	N.V.		
1064.	HT	Acute LBP/S Cluster Headache		Indocin Periactin
1065.	HK	N.V.		
1066.	FM	N.V.		
1067.	TB	N.V.		
1068.	CM	N.V.		
1069.	AB	URI Acute LBP/S Acute LBP/S Tonsilitis URI	Sudafed Tylenol Cepacol Loz. ASA	Parfon Forte Robaxin Ampicillin
1070.	MH	Gastritis	Mylanta	
1071.	DD	Pharyngitis Prostatitis Gastritis HTN Headache Headache	Cepacol Loz. Mylicon Disalcid	Pen VK Septra HCTZ, Inderol Fiorinal
1072.	CD	Acute LBP/S		Norgesic
1073.	RS	N.V.		
1074.	LR	Chondromalacia	ASA	
1075.	GG	N.V.		
1076.	GS	G.E. Acute LBP/S		Tigan, Lomotil Norgesic
1077.	LD	Contact Derm.	Calamine Lotion	
1078.	CT	N.V.		
1079.	JL	N.V.		
1080.	RS	G.E. Tinea Cruris	Kaopectate . Mylicon	Mycelex
1081.	CW	Gastritis Headache	Tylenol	
1082.	RB	URI Tinea Pedis	ASA, Robitussin Desenex Powder	
1083.	NP	N.V.		
1084.	JR	N.V.		
1085.	SD	PFB	Surgex Prep Kit	
1086.	RF	N.V.		
1087.	CD	Callosities	Salicyclic Acid Plasters	
1088.	TS	N.V.		
1089.	NG	Cerumen Impaction Debrox		
1090.	PB	N.V.		
1091.	RK	Alopecia Areata Acne Acne		TCN TCN TCN

1092.	RL	Pharyngitis Contusion, Toe Myositis, Leg	ASA	Pen VK Motrin
1093.	RL	N.V.		
1094.	DP	N.V.		
1095.	MF	N.V.		
1096.	RL	Acute LBP/S		Norgesic
1097.	RJ	Gastritis	Mylicon	
1098.	DR	Stomatitis		Kenalog in Orabase
1099.	BS	N.V.		
1100.	TF	Acute LBP/S URI	Actifed, ASA	Parfon Forte
1101.	TR	N.V.		
1102.	VJ	Tinea Cruris	Tinactin Sol.	
1103.	LT	Acute LBP/S Ankle Sprain G.E. URI	ASA CAMA Kaopectate Tylenol, Robitussin	Compazine Kwell
1104.	TM	Pediculosis Pubis Contusion, Chest URI	CAMA Sudafed, Afrin Tylenol	
1105.	JW	G.E. Scabies Arthalgia, Knee	Kaopectate Benadryl	Kwell Motrin
1106.	VJ	Pharyngitis Pharyngitis Acute LBP/S	ASA, Cepacol Loz. Tylenol	Pen VK Ampicillin Motrin
1107.	SG	URI PID Tonsilitis	Robitussin, Tylenol, Cepacol Loz., Sudafed Actifed	
1108.	DB	G.E.	Kaopectate	Pen VK
1109.	MC	Acute LBP/S G.E. Tonsilitis	Disalcid	Compazine Pen VK
1110.	FB	Laceration, Hand G.E. Contact Derm. Myositis, Knee URI URI Tinea Cruris Ankle Sprain Contusion, Back	Bacitracin Oint. Kaopectate Calamine Lotion CAMA Robitussin, Cepacol Loz. Robitussin, Cepacol Loz. Tinactin Sol. Analgesic Balm, ASA CAMA	
1111.	RM	N.V.		
1112.	BT	N.V.		
1113.	MR	N.V.		
1114.	KB	Bicipital Tendonitis Bicipital Tendonitis	CAMA	Indocin
		Chondromalacia	ASA	
1115.	MR	Pediculosis Pubis		Kwell

		Pharyngitis		Pen VK
		URI	Robitussin, Sudafed	
		G.E.	Mylanta	
1116.	WB	Ankle Sprain	Analgesic Balm	
		Tinea Versicolor	Selsun	
1117.	PF	Thoracic Back P/S		Norgesic
		Acute LBP/S		Robaxin
		Acute LBP/S	CAMA	
1118.	PB	N.V.		
1119.	CS	Shin Splints	ASA	
		URI	Robitussin, Sudafed,	
			Tylenol	
1120.	SW	Acute LBP/S		Robaxin
		Costochondritis		Indocin
		Pharyngitis	Robitussin	E-Mycin
		URI		Dimetapp
		URI	Robitussin, Cepacol	
			Loz., Drixoral	
1121.	JB	Costochondritis	Analgesic Balm	Indocin
		Achilles Tendonitis		Indocin
1122.	JJ	N.V.		
1123.	JH	UTI		Flagyl, Ampicillin
			Sinusitis	ADA Caps, Cepacol
				Loz., Robitussin
1124.	PH	N.V.		
1125.	CL	N.V.		
1126.	BH	N.V.		
1127.	JS	Bronchitis	Robitussin	Reflex
		Hemorrhoids	Anusol Sup.	
1128.	SH	N.V.		
1129.	DM	URI	Robitussin, Afrin	
		UTI		Ampicillin
		Menstrual Cramps		Motrin
		Menstrual Cramps		Motrin
		GC Contact		Benemid
		Vagina Moniliasis		Monistat Vag. Cr.
			Headache	Benadryl
			Urticaria	
			Headache	Atarax Inderol
			Costochondritis	ASA
1130.	GH	N.V.		
1131.	JC	URI	ADA Caps, ASA, ETH	
1132.	AG	Paronychia	Betadine Oint.	
1133.	DK	N.V.		
1134.	ES	N.V.		
1135.	ST	N.V.		
1136.	DN	Asthma		Alupent Inhaler Theolair
1137.	JC	N.V.		
1138.	JF	URI	Robitussin	
1139.	MB	G.E.		Compazine
		URI	Cepacol Loz.	

		UTI Acute LBP/S	Septra Motrin Norgesic
1140.	AS	Cerumen Impaction Debrox	
1141.	MW	N.V.	
1142.	GW	N.V.	
1143.	RB	Chondromalacia	CAMA
1144.	BC	N.V	
1145.	TF	Sinusitis	Sudafed, Neo-Synephrine
1146.	AH	N.V.	
1147.	JM	N.V.	
1148.	JC	Conjunctivitis	Sulamyd
1149.	JS	PFB	Surgex Prep Kit HC Cr, 1%
1150.	JH	URI	ADA Caps, ASA
		URI	Cepacol Loz., CAMA
			Sudafed
		Pharyngitis	ASA, Cepacol Loz.
		Bronchitis	ASA TCN
1151.	GM	N.V.	
1152.	RF	Tinea Versicolor	Selsun
1153.	DC	Ankle Sprain	ASA
1154.	MS	N.V.	
1155.	TW	URI	Actifed, Robitussin Tylenol
1156.	JC	G.E.	Kaopectate
		URI	Robitussin, Cepacol Loz., ASA, Sudafed
		Myositis, Leg	CAMA
1157.	JB	Tonsilitis	
1158.	DH	N.V.	
1159.	EG	N.V.	
1160.	DM	URI	Cepacol Loz.
1161.	JD	URI	Dimetapp
1162.	MK	Tendonitis, Foot	Indocin
1163.	JT	URI	Actifed, Robitussin
1164.	CW	Laryngitis	Robitussin
		Vagina Moniliasis	Monistat Vag. Cr. Gantrisin
		UTI	
1165.	GK	Tension Headache	ASA
1166.	LM	Ankle Sprain	ASA
1167.	EA	Contusion, Leg	CAMA
		Callosities	Salicyclic Acid Plasters
		NSU	TCN
1168.	JM	Tonsilitis	ADA Caps, ASA
1169.	DO	N.V.	
1170.	SD	Serous Otitis Media	Actifed
		Hemorrhoids	Anusol Sup.
		Bronchitis	HC Cr, 1%
		Pharyngitis	Entex, E-Mycin
		Cervical P/S	Pen VK
			Robaxin,

			Butazolidin
1171.	LB	N.V.	
1172.	RG	Shin Splints	Motrin
1173.	GD	URI	
		ASA, Robitussin	
		CTM	
		Actifed, Tylenol	
		Kaopectate	
		Otitis Externa	Cortisporin Otic
		URI	Actifed, Robitussin
1174.	DS	N.V.	
1175.	GE	N.V.	
1176.	CW	URI	Dimetapp TCN
		NSU	
1177.	MC	N.V.	
1178.	JA	URI	Sudafed
1179.	LT	Furuncle, Inguinal Area	E-Mycin
1180.	JS	N.V.	
1181.	FS	N.V.	
1182.	SS	N.V.	
1183.	PW	N.V.	
1184.	AR	Myalgia, Leg	Motrin
1185.	CB	N.V.	
1186.	DM	N.V.	
1187.	AL	N.V.	
1188.	GR	Pharyngitis	ASA, Dobells, Sudafed
1189.	RW	URI	Robitussin, Cepacol Loz., Tylenol
1190.	JW	N.V.	
1191.	AM	N.V.	
1192.	DR	N.V.	
1193.	MM	Tendonitis, Knee	ASA
1194.	SM	Sinusitis	Dimetapp
1195.	RC	N.V.	
1196.	SR	Pharyngitis	ASA, Sudafed
1197.	AW	N.V.	
1198.	RG	N.V.	
1199.	RN	Onychomycosis Tinea Pedis	Grispeg Lotrimin
1200.	RG	G.E.	Kaopectate, Mylanta
1201.	KM	Costochondritis Gastritis Tinea Cruris URI	Tigan Indocin Mycelex Robitussin, Sudafed, Cepacol Loz.
1202.	WB	Gastritis URI	Maalox Robitussin, Sudafed, CAMA
1203.	AK	N.V.	
1204.	DJ	N.V.	
1205.	BW	N.V.	

1206.	JJ	Tonsilitis	Tylenol, Dobells	Pen VK
1207.	RC	Ankle Sprain NSU	CAMA	TCN
1208.	JL	N.V.		
1209.	NM	Pharyngitis	Cepacol Loz., Robitussin	
1210.	WL	N.V.		
1211.	GG	URI	Robitussin, Neo- Synephrine	Dimetapp
		Pharyngitis Sinusitis	Cepacol Loz., ASA	Entex, TCN
1212.	JF	Mylagia, Leg	ASA	
1213.	MS	N.V.		
1214.	CT	Carbuncle, Back Tinea Versicolor	Selsun	E-Mycin
1215.	KB	N.V.		
1216.	RR	N.V.		
1217.	CS	N.V.	.	
1218.	VS	Hordeolum		Neosporin Ophth Oint.
		Tonsilitis	Pen VK	
		Headache, Tension	ASA	Norgesic
		Chondromalacia	CAMA	
1219.	MR	Stomatitis		Kenalog in Orabase
		URI	Sudafed, Afrin	
		Bronchitis	ETH	Dimetapp
		Sinusitis	Sudafed	
1220.	JG	Sinusitis		Dimetapp Ampicillin
1221.	NB	N.V.		
1222.	JP	N.V.		
1223.	VC	N.V.		
1224.	DT	Pharyngitis G.E.	Cepcol Loz.	Tigan
		Acute LBP/S	Analgesic Balm	Norgesic
1225.	TG	Headache		Fiorinal, Inderol
		Headache	CAMA	
		Atopic Dermatitis		HC Cr, 1%
		URI	Sudafed, Robitussin, Cepacol Loz.	
1226.	GH	N.V.		
1227.	RT	N.V.		
1228.	CJ	N.V.		
1229.	DK	N.V.		
1230.	JM	Gastritis	Mylanta	
1231.	RH	N.V.		
1232.	EB	N.V.		
1233.	WR	N.V.		
1234.	LB	URI	ADA Caps, Tylenol, Cepacol Loz.	
1235.	PD	N.V.		
1236.	TB	N.V.		

1237.	BF	N.V.		
1238.	KF	Tension Headache	Indocin	
		Asthma	Theolair	
		Tension Headache	Parfon Forte	
		Asthma	Theolair	
		Asthma	Theolair	
		Gastritis	Gaviscon	
		Bronchitis	Alupent Inhaler	
		Asthma	Theolair	
		Tension Headache	Fiorinal	
		Tension Headache	Fiorinal	
		Tension Headache	Fiorinal	
1239.	TH	Laceration, Hand	Betadine Oint.	
		Sinusitis	Sudafed	
1240.	HM	N.V.		
1241.	JN	PFB	Surgex Prep Kit	
1242.	MC	N.V.		
1243.	MC	N.V.		
1244.	RF	URI	Actifed, Tylenol	
		URI	Cepacol Loz., Actifed,	
			Robitussin	
		Sinusitis	Drixoral	
1245.	HY	Pharyngitis	ASA	
		URI	Cepacol Loz., Sudafed,	
		Otitis Media	Tylenol, Robitussin	
		Serous Otitis	CTM Ampicillin	
		Media		
		Tendonitis, Knee		
		UTI	Motrin	
		Callosities	Septra	
		G.E.		
		Gastritis	Salicyclic Acid	
		URI	Plasters	
1246.	BH	Tonsilitis	Kaopectate	Compazine
		Acute LBP/S	CTM	Lomotil
1247.	RL	Metatarsalgia		
1249.	RB	PFB	Surgex Prep Kit	TCN
		PFB	Surgex Prep Kit	Norgesic
		PFB	Surgex Prep Kit	Naprosyn
		PFB	Surgex Prep Kit	HC Cr, 1%
		PFB	Surgex Prep Kit	HC Cr, 1%
1250	HW	Cellulitis, 2°		HC Cr, 1%
		Insect Bites		
1251.	JC	Laceration, Scalp	Betadine Oint.	Tegopen
		Tinea Pedis		
		Sinusitis	Sudafed	
1252.	GS	URI	CAMA	Mycelex
		G.E.	Kaopectate, Tylenol	Pen VK
1253.	GE	Shoulder Strain		Motrin
1254.	HS	N.V.		
1255.	OK	N.V.		
1256.	ES	N.V.		
1257.	JH	Laryngitis	Robitussin	

		Serous Otitis		
		Media	E-Mycin, Entex	
		Acute LBP/S	Robaxin	
		Costrochondritis	ASA	
		Acute LBP/S	Parfon Forte	
1258.	VL	N.V.		
1259.	VM	Sprain Finger	ASA	
		Laryngitis	Robitussin	
		URI	Actifed, Tylenol, Robitussin	
		Costrochondritis	ASA	
		Contusion, Chest	Tylenol	
		URI	Robitussin, ASA, Cepacol Loz.	
		Vagina		
		Trichomoniasis	Flagyl	
		UTI	Septra	
		URI	Sudafed	
		Bronchitis	Robitussin	
		Bronchitis	E-Mycin Ampicillin, Fiorinal	
		G.E.	Tigan	
		Menstrual Cramps	ASA	
		URI	Sudafed, CAMA	
		G.E.	Kaopectate	
		URI	Tylenol	
		UTI	Macrodantin	
1260.	CB	URI	Entex, Atarax	
		Pediculosis Pubis	Kwell	
1261.	ML	Acute LBP/S	ASA	
1262.	JT	HTN	HCTZ, Inderol, Apresoline	
		HTN	HCTZ, Inderol, Apresoline	
		Ankle Sprain	ASA	
		HTN	HCTZ, Inderol, Apresoline	
1263.	GL	N.V.		
1264.	RL	URI	ADA Caps, Robitussin, ASA	
		URI	Sudafed, Robitussin, ASA	
		URI	ETH, ADA Caps, ASA	
1265.	VT	N.V.		
1266.	WR	N.V.		
1267.	TC	URI	CTM, Robitussin	
1268.	JS	N.V.		
1269.	GP	Acute LBP/S	Disalcid	Valium
		Epicondylitis		Motrin
		UTI		Septra, Tylenol #3
		Chondromalacia	CAMA	
		Psoriasis		Valisone
1270.	JH	N.V.		

1271.	MK	N.V.	
1272.	MP	N.V.	
1273.	TW	Tinea Versicolor Pediculosis Pubis Contusion, Hand Puncture Wound, Hand	Selsun ASA Kwell
		Ankle Sprain URI	Reflex ASA Sudafed, Tylenol, Cepacol Loz.
1274.	JR	N.V.	
1275.	JH	N.V.	
1276.	HZ	N.V.	
1277.	TB	G.E.	Kaopectate, ASA, Mylanta Benadryl
1278.	TB	Insect Bites Asthma	Theolair
1279.	CA	Tonsilitis	Tylenol, Actifed E-Mycin
1280.	JL	N.V.	
1281.	DD	URI URI. Myositis, Arm URI	Robitussin, Afrin, ADA Caps Sudafed CAMA Drixoral, Afrin, Robitussin
1282.	RM	Contusion, Chest URI	Parfon Forte Robitussin, Actifed
1283.	BR	Myalgia, Leg UTI	TCN CAMA
1284.	DV	Abdomen Muscle Strain	Norgesic
1285.	DE	Costrochondritis	ASA
1286.	HG	URI Shoulder Strain URI	ASA ETH TCN Norgesic
		Acute LBP/S Corneal Abrasion	ASA, ETH, Sudafed, Cepacol Loz. Analgesic Balm Parfon Forte Sulamyd
1287.	KH	N.V.	
1288.	HR	N.V.	
1289.	GE	G.E. Contusion, Head G.E.	Kaopectate, Mylanta CAMA Lomotil
1290.	DW	URI	Sudafed, ADA Caps, CAMA, Robitussin ASA
		Acute LBP/S	
1291.	JO	N.V.	
1292.	TJ	N.V.	
1293.	WD	N.V.	
1294.	GE	N.V.	
1295.	RM	G.E. Acute LBP/S URI URI	Compazine Parfon Forte Dimetapp Tigan
		Tylenol	

		Pharyngitis	CAMA	
1296.	SG	Tendonitis, Shoulder		Naprosyn
1297.	BF	N.V.		
1298.	MW	N.V.		
1299.	LA	Tendonitis, Knee	CAMA	
		G.E.	Kaopectate	Compazine
1300.	MJ	Acute LBP/S	Analgesic Balm	Parfon Forte
		URI	Robitussin, Sudafed,	
			ASA, Cepacol Loz.	
		URI	Actifed, ASA	
		URI	Cepacol Loz.	
1301.	RM	Myalgia, Foot	CAMA	
		Shin Splints		Naprosyn
1302.	KS	G.E.	Kaopectate, Tylenol	
		Tonsilitis		Pen VK
1303.	ZC	N.V.		
1304.	DL	Myalgia, Foot	CAMA	
1305.	RT	URI	Drixoral, Robitussin	
		Acute LBP/S	ASA	
		Sinusitis	ADA Caps	
		URI	Robitussin, Sudafed,	
			Cepacol Loz.	
		Shin Splints	CAMA	
		Myositis, Leg	Disalcid	
1306.	BB	N.V.		
1307.	JH	N.V.		
1308.	EK	Tonsilitis	Sudafed	Pen VK
		Externa Otitis		Cortisporin
				Otic
1309.	MF	URI	Cepacol Loz., Tylenol	
1310.	HS	Bronchitis	Phenergan Exp.	
		NSU		TCN
		Stomatitis		Kenalog in
				Orabase
		Anxiety Reaction		Valium
		Burn, 2°, Hand		Silvadene Cr.
		Asthma		Theolair
1311.	CB	PFB	Surgex Prep Kit, Fostex Cr.	
		PFB	Surgex Prep Kit, Fostex Cr.	
		PFB	Surgex Prep Kit, Fostex Cr.	
		Pediculosis Pubis		Kwell
		PFB	Surgex Prep Kit, Fostex Cr.	
		Ankle Strain		Norgesic
		PFB	Surgex Prep Kit, Fostex Cr.	
		PFB	Surgex Prep Kit, Fostex Cr.	
1312.	FE	Condylomata Acuminata		Podophyllum
		Arthalgia, Wrist	CAMA	
1313.	DJ	G.E.	Kaopectate	

		Otitis Media	Drixoral	Ampicillin
1314.	MN	Contusion, Arm	ASA	
		URI	Sudafed	
		Ankle Sprain		Indocin
		GC		Benemid
		PFB	Surgex Prep Kit	
		PFB	Surgex Prep Kit	
		PFB	Surgex Prep Kit	
		Gastritis	Mylanta	
		PFB	Surgex Prep Kit	
		Gastritis	Maalox	
		Corneal Abrasion		Neosporin Ophth Oint.
		PFB	Surgex Prep Kit	
1315.	RD	URI	Cepacol Loz., Robitussin	
1316.	MW	Cellulitis, Hand		E-Mycin
1317.	KS	N.V		
1318.	BF	Tension Headache		Norgesic
		URI	Phenergan Exp. ASA	TCN
		Pityriasis Rosea		Atarax
		Contact Derm.		HC Cr., 1%
1319.	JG	Acute LBP/S	Benadryl	
1320.	JV	URI	CAMA	
		Tinea Versicolor	Sudafed	
1321.	FO	N.V.	Selsun	Mycelex
1322.	CL	URI		
		URI	Cepacol Loz.	
		URI	Tylenol	
			Robitussin, CAMA,	
			Cepacol Loz.	
1323.	JS	URI	Cepacol Loz., ASA, Robitussin	
1324.	KC	URI	ASA, Cepacol Loz.	
1325.	JB	N.V.		
1326.	WS	URI	ETH, ADA Caps, Cepacol Loz.	
		G.E.	Kaopectate	
1327.	MP	Finger Sprain	ASA	
1328.	TP	Ankle Sprain	ASA	
		Achilles Tendonitis		Motrin
		Ankle Sprain	Analgesic Balm	
		URI	Sudafed	
1329.	RP	Ankle Sprain	ASA, Analgesic Balm	
1330.	HM	N.V.		
1331.	BF	N.V.		
1332.	MR	Conjunctivitis		Neosporin Ophth Oint.
		Headache	CAMA	
1333.	MH	N.V.		
1334.	DP	Chronic LBP/S	ASA	
1335.	SM	NSU		TCN
		URI	Afrin, Actifed	
		Otitis Media	Actifed	
		Serous Otitis		Ampicillin
		Media	Drixoral, Afrin	

1336.	SJ	N.V.	
1337.	SD	N.V.	
1338.	JO	N.V.	
1339.	KM	N.V.	
1340.	LN	Arthalgia, Ankle	ASA
1341.	TE	DJD, Knee	ASA
1342.	CW	Herpes Simplex Cellulitis, Groin	Stoxil Ampicillin
1343.	DK	N.V.	
1344.	JD	N.V.	
1345.	GB	Externa Otitis	Cortisporin Otic, Keflex
		Contusion, Hand	ASA
1346.	CD	N.V.	
1347.	RD	Bronchitis Contusion, Nose	ETH
		Pharyngitis	Tylenol
1348.	ME	G.E. Cervical P/S	Kaopectate CAMA
1349.	MH	UTI Ankle Sprain	Septra
		GC	TCN
		Vagina Moniliasis	Monistat Vag. Cr.
1350.	JD	N.V.	
1351.	LC	N.V.	
1352.	EC	N.V.	
1353.	KP	GC NSU	TCN E-Mycin Pen VK
1354.	ED	Tonsilitis Myalgia, Foot	Dobells Sol. CAMA
		Shin Splints	ASA
1355.	RS	Acute LBP/S UTI	CAMA
			Ampicillin Pyridium
1356.	WI	Ankle Sprain G.E.	CAMA
		URI	Lomotil
			Actifed
1357.	KS	N.V.	
1358.	PH	N.V.	
1359.	VD	Laryngitis Pharyngitis Costrochondritis	Cepacol Loz.
		Costrochondritis	Pen VK Indocin Indocin
1360.	RO	Acne URI Acne	Fostex Soap Sudafed Fostex Soap
		Allergic Rhinitis	CTM
		G.E.	TCN
		UTI	Tigan
1361.	DC	URI	Ampicillin
1362.	PO	N.V.	
			Drixoral, ASA

1363.	CB	N.V.	
1364.	MT	N.V.	
1365.	JA	Pneumonitis Tinea Cruris	E-Mycin Mycelex
1366.	BW	N.V.	
1367.	RL	N.V.	
1368.	CP	Tendonitis, Knee Tendonitis, Knee	CAMA Motrin
1369.	EB	NSU	TCN
1370.	BJ	N.V.	TCN
1371.	VE	NSU GC Hemorrhoids Paronychia Tendonitis, Knee Pharyngitis URI URI	Benemid Anusol, Metamucil Betadine Oint. ASA Phenergan Exp. Actifed, Afrin Robitussin Motrin
1372.	CH	URI Acute LBP/S Chondromalacia	Pen VK
1373.	HE	Chondromalacia	
1374.	ED	Chondromalacia	
1375.	WC	URI Acute LBP/S Chondromalacia URI URI	Parfon Forte Motrin Actifed, Robitussin, Cepacol Loz. Cepacol Loz., Afrin, Robitussin, Sudafed
1376.	SE	N.V.	
1377.	ED	N.V.	
1378.	DH	Contusion, Head Arthalgia, Shoulder Acute LBP/S	Tylenol
1379.	DM	Bronchitis	CAMA
1380.	RJ	N.V.	Robaxin
1381.	PV	Bronchitis	Robitussin, Tylenol Ampicillin
		Acute LBP/S Contusion, Shoulder Pharyngitis Serous Otitis Media Externa Otitis	Theolair, E-Mycin Parfon Forte
		Pharyngitis G.E. Paronychia	Dimetapp Cortisporin Otic
1382.	DA	G.E. Paronychia	Pen VK Lomotil
1383.	RG	G.E.	Betadine Oint.
1384.	RD	Bronchitis Pharyngitis Paronychia	Kaopectate, Tylenol Tigan Robitussin Ampicillin Drixoral, Robitussin
1385.	JR	Ankle Sprain	E-Mycin CAMA

1386.	RJ	Acute LBP/S	Motrin Parfon Forte
		G.E.	Kaopectate
1387.	KS	N.V.	
1388.	LR	N.V.	
1389.	RS	N.V.	
1390.	LB	N.V.	
1391.	CL	Acute LBP/S	CAMA, Analgesic Balm
1392.	PM	G.E.	Tigan
		Contusion, Back	Motrin
1393.	AF	Tinea Pedis	Desenex Powder, Tinactin Sol.
1394.	JL	Abrasion, Leg	Bacitracin Oint.
		URI	ADA Caps, Robitussin
		G.E.	Kaopectate
1395.	NJ	Pediculosis,Capitis	Kwell
		URI	Cepacol Loz., Neo- Synephrine
1396.	JE	UTI	Septra,Pyridium
		Burn, 2°, Arm	Silvadene Cr
1397.	CD	Hemorrhoids	Anusol Sup.
1399.	GM	URI	Sudafed, ASA, Cepacol Loz.
		URI	Robitussin
1400.	UT	URI	ETH, Sudafed, CAMA
		Menstrual Cramps	CAMA
		Gastritis	Mylanta
		Myositis, Leg	Tylenol
		Tension Headache	Tylenol, ASA
		Headache	Tylenol #3
		Gastritis	Maalox, Tylenol
		Cluster Headache	Parfon Forte, Periactin
		Cluster Headache	Parfon Forte, Periactin
		Pharyngitis	ETH, Cepacol Loz, ASA
		URI	CTM, Afrin
		URI	Robitussin
1401.	WH	Acne	TCN
		Callosities	Salicyclic Acid Plasters
		Acne	TCN
1402.	KL	Tendonitis, Knee	Analgesic Balm
			Tylenol
		Ankle Sprain	CAMA
		Ankle Sprain	ASA
1403.	WR	N.V.	
1404.	TG	UTI	Septra
		URI	Robitussin, Sudafed Tylenol
1405.	DJ	Bronchitis	Ampicillin
		PFB	Surgex Prep Kit
		PFB	Surgex Prep Kit
		PFB	Surgex Prep Kit

		Chondromalacia	CAMA	
		PFB	Fostex Cream	TCN, HC Cr 1%
		URI	Cepacol Loz.	
		Arthalgia, Wrist	Tylenol, Analgesic Balm	
		URI	Neo-synephrine	
		Tendonitis, Foot		Indocin
		PFB	Surgex Prep Kit	
		URI	Cepacol Loz., Tylenol	
		URI	Cepacol Loz.	
		PFB	Surgex Prep Kit	
		Pharyngitis	Cepacol Loz.	
		Calcaneal Pain		Butazolidin
1406.	PK	Acute LBP/S		Robaxin
1407.	AH	N.V.		
1408.	RA	N.V.		
1409.	SM	N.V.		
1410.	FG	N.V.		
1411.	DW	URI	Tylenol, Cepacol Loz.	
		Arthalgia Ankle	ASA	
1412.	BR	N.V.		
1413.	SB	Bursitis, Knee	Disalcid	
		Arthalgia, Knee	ASA	
		Peptic Ulcer Dis	Mylanta, Mylicon	Tagamet
		Chondromalacia	Tylenol	
		Thoracic Back P/S	Tylenol	
1414.	DT	N.V.		
1415.	WW	Acute LBP/S	Analgesic Balm	Robaxin
1416.	MH	N.V.		
1417.	AU	N.V.		
1418.	MK	Bronchitis	Phenergan Exp.	Keflex
		Bronchitis		Entex, E-Mycin
		URI	Actifed, ASA,	
			Cepacol Loz.	
1419.	FM	N.V.		
1420.	GB	Shin Splints		Motrin
1421.	WS	N.V.		
1422.	VC	Headache	CAMA	
		Chronic LBP/S	ASA	
1423.	DC	Tinea Cruris		Mycelex
		Tinea Pedis	Desenex Powder	Mycelex
1424.	AP	URI	Robitussin, ASA,	
			Cepacol Loz.	
		URI	Cepacol Loz.	
		Contact Derm.	Calamine Lotion	
1425.	JP	Conjunctivitis		
				Neosporin
				Ophth Sol.
1426.	MA	Bronchitis	ETH	E-Mycin
1427.	JR	Tonsilitis		Pen VK
		Cervical P/S		Valium
		Arthalgia,		
		Shoulder		Fiorinal
1428.	WL	N.V.		
1429.	MV	Scabies		Kwell
1430.	TL	Acute LBP/S	CAMA	

		Arthalgia, Shoulder Tendonitis, Knee	Disalcid CAMA	
1431.	KW	N.V.		
1432.	MB	N.V.		
1433.	DW	Acute LBP/S Acute LBP/S Vagina Moniliasis Otitis Media Externa Otitis	CAMA CAMA	Norgesic Monistat Vag. Cr Ampicillin Cortisporin Otic Tagamet
1434.	LW	Gastritis	Kaopectate	
1435.	WC	Pityriasis Rosea		Atarax
1436.	JO	N.V.		
1437.	GB	N.V.		
1438.	DC	NSU		TCN
1439.	RB	N.V.		
1440.	KS	URI	Robitussin, Tylenol Cepacol Loz.	
1441.	JP	URI Allergic Rhinitis Allergic Rhinitis Allergic Rhinitis	Drixoral Afrin, Drixoral Drixoral	Decadron Turbinaire
1442.	SW	URI N.V.	Cepacol Loz.	
1443.	JF	Gastritis Arthalgia, Shoulder Costrochondritis	Mylanta Analgesic Balm, CAMA CAMA	
1444.	DP	Acute LBP/S Chondromalacia Acute LBP/S G.E.	CAMA	Norgesic Norgesic Lomotil
1445.	LB	N.V.		
1446.	RG	N.V.		
1447.	MJ	N.V.		
1448.	AR	Atopic Dermatitis		HC Cr 1%
1449.	PH	Thoracic Back P/S		Robaxin
1450.	JB	URI	Tylenol, Actifed Cepacol Loz.	
1451.	JD	URI	ADA Cap, Tylenol, Cepacol Loz.	
1452.	RM	URI Bronchitis Sinusitis	Sudafed, Afrin ETH Sudafed	Dimetapp
1453.	GJ	Sinusitis		Dimetapp Ampicillin
1454.	BN	N.V.		
1455.	TD	Pharyngitis	Robitussin, Tylenol Cepacol Loz.	
1456.	KD	Acute LBP/S N.V.		Norgesic

1457.	BL	URI	ADA Caps, Cepacol Loz., Tylenol
1458.	FK	Gastritis Bronchitis	Mylanta
1459.	HT	Sinusitis	Robitussin E-Mycin
1460.	MH	N.V.	Sudafed
1461.	FR	URI URI	Tylenol, Actifed Cepacol Loz., Robitussin Actifed
1462.	GH	Pharyngitis Otitis Media UTI URI	ASA, Robitussin Sudafed Cepacol Loz., Tylenol Robitussin
1463.	HB	Tonsilitis Acute LBP/S	ASA Pen VK Norgesic
1464.	GT	N.V.	
1465.	BR	PFB PFB URI	Surgex Prep Kit HC Cr 1% Surgex Prep Kit HC Cr 1% Actifed, Robitussin
1466.	CG	Tinea Pedis Sinusitis	Desenex Powder
1467.	EM	Arthalgia, Shoulder	Sudafed Pen VK
1468.	ST	N.V.	
1469.	PL	Acute LBP/S UTI Vagina, Moniliasis Chondromalacia	Disalcid CAMA Septra, Pyridium Monistat Vag.Cr
1470.	KM	N.V.	
1471.	PN	N.V.	
1472.	SJ	URI	Robitussin, Tylenol, Cepacol Loz. Kwell
		Pediculosis Pubis	
		Contusion, Head	ASA Tigan
1473.	MR	G.E. URI	CAMA, Robitussin, Cepacol Loz.
		G.E.	Kaopectate Compazine
1474.	FB	Tendonitis, Knee G.E. URI URI	CAMA Kaopectate Robitussin Dimetapp Cepacol Loz., ASA Robitussin
1475.	JM	Acute LBP/S URI	Analgesic Balm Parfon Forte Robitussin, Sudafed ASA, Cepacol Loz.
		Shin Splints	Motrin
		Tonsilitis	Robitussin, ASA Pen VK
1476.	KC	N.V.	
1477.	JK	N.V.	
1478.	LD	URI Tonsilitis Acute LBP/S	Drixoral, Robitussin CAMA Pen VK

1479.	PJ	Asthma Bronchitis URI	Robitussin Sudafed, Robitussin	Theolair E-Mycin
1480.	NM	N.V.		
1481.	DS	N.V.		
1482.	JS	N.V.		
1483.	EM	G.E. Cervical P/S URI Ankle Sprain	Kaopectate CAMA Robitussin, Tylenol ASA	
1484.	DR	Bronchitis URI	ETH Cepacol Loz., Robitussin	E-Mycin
1485.	PJ	Acute LBP/S Headache Conjunctivitis URI	CAMA Cepacol Loz., Sudafed	Norgesic Neosporin Ophth Sol.
1486.	DE	NSU Tonsilitis		TCN Pen VK
1487.	KW	Arthalgia, Foot Sprain Ankle G.E. G.E.	CAMA CAMA Kaopectate	Tigan Lomotil
1488.	JR	Gastritis Contusion, Hed	Mylanta ASA	
1489.	SR	N.V.		
1490.	BP	N.V.		
1491.	CW	Chondromalacia URI Chondromalacia		Motrin
		Acute LBP/S	Robitussin, Actifed	
		Acute LBP/S	CAMA	
1492.	PG	Contusion, Hand Externa Otitis	Analgesic Balm ASA	Robaxin Parfon Forte
				Cortisporin Otic
1493.	AD	G.E. Paronychia	Betadine Oint.	Lomotil
1494.	RD	Bronchitis	Robitussin	Ampicillin
1495.	GS	N.V.		
1496.	JA	N.V.		
1497.	JD	Arthalgia, Wrist Pharyngitis	Tylenol Cepacol Loz.	
1498.	BS	Tendonitis, Knee Acute LBP/S	Disalcid	Parfon Forte
1499.	HM	N.V.		
1500.	HB	URI Tension Headache	Robitussin, Cepacol Loz. ASA	Fiorinal

APPENDIX B

ABBREVIATIONS USED IN THIS STUDY

ABBREVIATIONS USED IN THIS STUDY

A. Data List:

1. N.V. = No Visits made to the TMC within the time period and limitations of this study.

B. Diagnosis/Problem:

1. Cervical P/S = Cervical (Neck) Pain/Sprain or Strain.
2. D-J-D = Degenerative Joint Disease.
3. G.C. = Gonorrhea.
4. G.E. = Gastroenteritis.
5. HTN = Hypertension.
6. LBP/S = Low Back (Lumbosacral) Pain/Sprain or Strain.
7. NSU = Nonspecific (Nongonococcal) Urethritis.
8. PFB = Pseudofolliculitis Barbae.
9. PID = Pelvic Inflammatory Disease.
10. Thoracic Back P/S = Thoracic Back (Spinal) Pain/Sprain or Strain.
11. T-M-J Syndrome = Temporomandibular Joint Syndrome.
12. URI = Upper Respiratory Infection, Acute, Viral.
13. UTI = Urinary Tract (Cystitis) Infection.

C. Over the Counter (OTC) Medications:

1. ADA Cap = Cold Capsule (Similar to Contact).
2. ASA = Aspirin.
3. CTM = Chlortrimeton.
4. ETH = Elixir of Terpin Hydrate.
5. Medihaler-Epi = Epinephrine Inhaler.
6. MOM = Milk of Magnesia.

ABBREVIATIONS USED IN THIS STUDY - Continued

D. Prescription Medications (Rx):

1. E-Mycin = Erythromycin.
2. HC Cr 1% = Hydrocortisone Cream (1%).
3. HCTZ = Hydrochlorothiazide.
4. Medihaler-Iso = Isoproterenol (isuprel) Inhaler.
5. TCN = Tetracycline.
6. Tylenol #3 = Tylenol with Codeine.

APPENDIX C

**MEDICATIONS REQUIRING
PRE-PACKAGING BY MADIGAN ARMY MEDICAL CENTER**

MEDICATIONS REQUIRING PRE-PACKAGING BY MAMC

MEDICATION	ALREADY PURCHASED PRE-PACKED (OR UNIT COMES PRE- PACKED)	CAN BE ORDERED PRE-PACKED COST EFFECTIVELY	MAMC NEEDS TO PRE-PACK
1. ASA			X
2. Robitussin	X		
3. Cama			X
4. Cepacol Loz.	X		
5. Sudafed	X		
6. Tylenol			X
7. Kaopectate	X		
8. Actifed	X		
9. Pen VK	X		
10. Norgesic			X
11. E-Mycin		X	
12. Motrin			X
13. Parfon Forte			X
14. Indocin			X
15. TCN	X		
16. Analgesic Balm	X		
17. Ampicillin	X		
18. ADA Caps			X
19. Surgex Prep Kit	X		
20. Mylanta	X		
21. Septra			X
22. Drixoral			X
23. HC Cream 1%	X		

MEDICATION	ALREADY PURCHASED PRE-PACKED (OR UNIT COMES PRE- PACKED)	CAN BE ORDERED PRE-PACKED COST EFFECTIVELY	MAMC NEEDS TO PRE-PACK
24. Tigan			X
25. Bacitracin Oint.	X		
26. Afrin	X		
27. Dimetapp			X
28. HCTZ	X		
29. Lomotil (controlled)			
30. Pyridium			X
31. ETH	X		
32. Monistat Vag. Cream	X		
33. Compazine			X
34. Disalcid			X
35. Anusol Sup.	X		
36. Robaxin			X
37. Benadryl			X
38. Entex			X
39. Phenergan Exp.	X		
40. Tinactin Sol.	X		
41. CTM			X
42. Fiorinal (controlled)			
43. Fostex Cream	X		
44. Theolair			X
45. Betadine Oint.	X		
46. Kwell	X		

<u>MEDICATION</u>	<u>ALREADY PURCHASED PRE-PACKED (OR UNIT COMES PRE- PACKED)</u>	<u>CAN BE ORDERED PRE-PACKED COST EFFECTIVELY</u>	<u>MAMC NEEDS TO PRE-PACK</u>
47. Cortisporin Otic Sol.	X		
48. Donnatol			X
49. Mycelex Cream	X		
50. Neo-Synephrine	X		
51. Salicyclic Acid Plaster	X		
52. Valium (controlled)			
53. Naprosyn			
54. Atarax			X
55. Desquam X	X		
56. Dobell's Sol.			X
57. Flagyl			X
58. Sulamyd	X		
59. Benemid			X
60. Fostex Soap	X		
61. Selsun	X		
62. Dramamine			X
63. Metamucil	X		
64. Mylicon			X
65. Tagamet			X
66. Alupent Inhaler	X		
67. Calamine Lot.	X		
68. Ecotrin			X
69. Inderol			X
70. Keflex			X

<u>MEDICATION</u>	<u>ALREADY PURCHASED PRE-PACKED (OR UNIT COMES PRE- PACKED)</u>	<u>CAN BE ORDERED PRE-PACKED COST EFFECTIVELY</u>	<u>MAMC NEEDS TO PRE-PACK</u>
71. Kenalog Cream	X		
72. Periactin			X
73. Silvadene Cream	X		
74. Tylenol #3(controlled)			
75. Bentyl			X
76. Colace			X
77. Lotrimin Sol.	X		
78. Maalox	X		
79. Neosporin Ophth Gint.	X		
80. Neosporin Ophth Sol.	X		
81. Podophyllum Sol.	X		
82. Desenex Powder	X		
83. Gaviscon			X
84. Lidex Cream	X		
85. Vasacon-A Sol.	X		

APPENDIX D

**A FORMULARY TO SUPPORT
DIAGNOSTIC/PROBLEMATIIC DISTRIBUTION
OF THE TMC POPULATION**

A FORMULARY TO SUPPORT
DIAGNOSTIC/PROBLEMATIC DISTRIBUTION
OF THE TMC POPULATION

04:00 ANTIHISTAMINES

Brompheniramine Compound (DIMETAPP) Tablets
Chlorpheniramine Maleate (CHLOR-TRIMETON) Tablets, 4mg
Chlorpheniramine Maleate 4mg, Phenylpropanolamine HCl
50mg and Belladonna Alkaloids 200 mcg (ADAC)
Capsules, Sustained Release
Cyproheptadine (PERIACTIN) Tablets, 4mg
Ddexbrompheniramine Maleate and Isoephedrine Sulfate
(DRIXORAL) Tablets
Diphenhydramine HCl (BENADRYL) Capsules, 50mg
Triprolidine and Pseudoephedrine HCl (ACTIFED) Tablets

08:00 ANTI-INFECTIVES

- 08:04 AMEBACIDE
METRONIDAZOLE (FLAGYL) Tablets, 250mg
- 08:12 ANTIBIOTICS
- 08:12.06 CEPHALOSPORINS
Cephradine (ANSPOR, VELOSEF) Capsules, 250mg
(Substitute for Keflex)
- 08:12.12 ERYTHROMYCINS
Erythromycin (E-MYCIN) Base Tablets, 250mg
- 08:12.16 PENICILLINS
Ampicillin (POLYCILLIN) Capsules, 250mg
Penicillin-V Potassium (PEN V-K) Tablets, 250mg
- 08:12.24 TETRACYCLINES
Tetracycline HCl (ACHROMYCIN-V), Capsules, 250mg
- 08:24 SULFONAMIDES
Sulfamethoxazole 400mg and Trimethoprim 80mg (SEPTRA)
Tablets

12:00 AUTONOMIC DRUGS

- 12:08 PARASYMPATHOLYTIC (CHOLINERGIC BLOCKING) AGENTS
Belladonna Alkaloids (DONNATOL) Tablets
Dicyclomine (BENTYL) Tablets, 20mg

- 12:12 SYMPATHOMIMETIC (ADRENERGIC) AGENTS
 Metaproterenol Sulfate (ALUPENT) Inhaler
 Pseudoephedrine (SUDAFED) Tablets, 30mg
- 12:20 SKELETAL MUSCLE RELAXANTS
 Methocarbamol (ROBAXIN) Tablets, 500mg
 Chlorzoxazone and Acetaminophen (PARFON FORTE) Tablets
 Orphenadrine (NORGESIC) Tablets
- 24:00 CARDIOVASCULAR DRUGS
- 24:04 CARDIAC DRUGS
 Propranolol HCl (INDERAL) Tablets, 10mg and 40mg
- 28:00 ANALGESICS AND ANTIPYRETICS
- 28:08 ANALGESICS AND ANTIPYRETICS
 Acetaminophen (TYLENOL) Tablets, 325mg
 Acetaminophen and Codeine Phosphate (TYLENOL #3)
 Tablets
 Aspirin Tablets, 325mg
 Aspirin 600mg, Magnesium and Aluminum Hydroxide (CAMA)
 Tablets, Buffered
 Aspirin (ECOTRIN) Tablets, Enteric Coated, 325mg
 Butalbital Compound (FIORINAL) Tablets
 Ibuprofen (MOTRIN) Tablets, 600mg
 Indomethacin (INDOCIN) Capsule, 25mg and 50mg
 Naproxen (NAPROSYN) Tablets, 250mg
 Salsalate (DISALCID) Tablets, 500mg
- 28:16 CENTRAL NERVOUS SYSTEM DRUGS
- 28:16.08 TRANQUILIZERS
 Diazepam (VALIUM) Tablets, 5mg
 Hydroxyzine HCl (ATARAX) Tablets, 25mg
- 40:00 ELECTROLYTIC, CALORIC AND WATER BALANCE
- 40:28 DIURETICS
 Hydrochlorothiazide (ORETIC) Tablets, 50mg
- 40:40 URICOSURIC AGENTS
 Probenecid (BENEMID) Tablets, 500mg

- 48:00 EXPECTORANTS AND COUGH PREPARATIONS
 Guaifenesin (ROBITUSSIN) Syrup
 Guaifenesin, Phenylpropanolamine and Phenylephrine (ENTEX) Capsules
 Promethazine (PHENEGRAN EXPECTORANT) Syrup
 Terpin Hydrate (ETH) Elixir
- 52:00 EYE, EAR, NOSE AND THROAT PREPARATIONS
- 52:04 ANTI-INFECTIVES
- 52:04.04 ANTIBIOTICS
 Neomycin Sulfate, Bacitracin and Polymixin B Sulfate (NEOSPORIN) Ophth Solution and Ointment
 Polymixin B Sulfate, Neomycin Sulfate and Hydrocortisone (CORTISPORIN) Otic Solution
- 52:04.08 SULFONAMIDES
 Sulfacetamide Sodium (SULAMYD) Ophth Solution and Ointment
- 52:32 VASOCONSTRICATORS
 Oxymethazoline HCl (AFRIN) Nasal Spray, 0.05%, 3ml
 Naphazoline Compound (VASACON-A) Solution
 Phenylephrine HCl (NEO-SYNEPHRINE) Nasal Solution, 0.25%, 15ml
- 56:00 GASTROINTESTINAL DRUGS
- 56:04 ANTACIDS AND ABSORBANTS
 Aluminum Hydroxide, Magnesium Hydroxide (MAALOX) Liquid
 Aluminum Hydroxide, Magnesium Hydroxide and Simethicone (MYLANTA) Liquid and Tablets
 Aluminum Hydroxide, Magnesium Trisilicate and Sodium Bicarbonate (GAVISCON) Tablets
- 56:08 ANTI-DIARRHEAL AGENTS
 Diphenoxylate HCl and Atropine Sulfate (LOMOTIL) Tablets
 Kaolin and Pectin (KAOPECTATE) Suspension
- 56:10 ANTI-FLATULANTS
 Simethicone (MYLICON) Tablets, 40mg
- 56:12 CATHARTICS AND LAXATIVES
 Docusate Sodium (COLACE) Capsules, 250mg
 Psyllium Hydrophilic Mucilloid (METAMUCIL) Powder

- 56:20 EMETICS AND ANTI-EMETICS
 Dimenhydrinate (DRAMAMINE) Tablets, 50mg
 Prochlorperazine Maleate (COMPAZINE) Tablets, 5mg and
 Suppositories
 Trimethobenzamide (TIGAN) Capsules, 250mg and
 Suppositories
- 56:40 MISCELLANEOUS GASTROINTESTINAL AGENTS
 Cimetidine (TAGAMET) Tablets, 300mg
- 84:00 SKIN AND MUCOUS MEMBRANE PREPARATIONS
- 84:04 ANTI-INFECTIVES
- 84:04.04 ANTIBIOTICS
 Bacitracin Ointment, 15Gm
- 84:04.08 FUNGICIDES
 Clotrimazole (LOTRIMIN) Solution
 Clotrimazole (MYCELEX) Cream
 Miconazole Nitrate (MONISTAT-7) Vaginal Cream, 2%, 47Gm
 with Applicator
 Tolnaftate (TINACTIN) Solution, 1%, 10ml
 Undecylenic Acid (DESENEX) Powder
- 84:04.12 SCABACIDES AND PEDICULICIDES
 Gamma Benzene Hexachloride (KWELL) Cream and Shampoo
 1%, 60ml
- 84:04.16 MISCELLANEOUS LOCAL ANTI-INFECTIVES
 Cetylpyrinium (CEPACOL) Lozenge
 Selenium Sulfate (SELSUN) Shampoo
 Silver Sulfadiazine (SILVADENE) Cream, 1%, 400Gm
- 84:06 ANTI-INFLAMMATORY AGENTS
 Fluocinonide (LIDEX) Cream, 1%, 30Gm
 Hydrocortisone Cream, 1%, 30GM
 Triamcinolone Acetonide (KENALOG) Cream, 0.1%, 15ml
- 84:08 ANTIPRURITICS AND LOCAL ANESTHETICS
 Phenazopyridine HCl (PYRIDIUM) Tablets, 100mg
 Phenol Compound (DOBELL'S) Solution
 Zinc Oxide Compound (CALAMINE) Lotion
- 84:16 CELL STIMULANTS AND PROLIFERANTS
 Benzoyl Peroxide (DESQUAM-X5) Ointment, 5%, 42.5Gm
 Hemorrhoidal (ANUSOL) Suppositories

- 84:20 DETERGENTS
 Povidone-Iodine (BETADINE) Ointment
- 84:24 EMOLLIENTS, DEMULCENTS AND PROTECTANTS
- 84:24.04 BASIC LOTIONS AND LINIMENTS
 Analgesic Balm, 30Gm
- 84:28 KERATOLYTIC AGENTS
 Podophyllum 20% in Tincture of Benzoin, 15ml
 Salicyclic Acid Plaster, 40%
 Salicyclic Acid and Sulfur (FOSTEX) Cream and Soap
- 84:36 MISCELLANEOUS AGENTS
 Calcium Thioglycollate Trihydrate (SURGEX) Cream, 5%,
 100Gm
- 86:00 SPASMOlytic AGENTS
 Theophylline, Anhydrous (THEOLAIR) Tablets, 125mg and
 250mg

BIBLIOGRAPHY

BOOKS

American Hospital Association (AHA). Hospital Statistics. (Chicago: AHA, 1981), 4-7.

American Hospital Formulary Service, Vol. 1 & 2. American Society of Hospital Pharmacists, Bethesda, MD, April 1984.

Ambulatory Patient Care. Madigan Army Medical Center, Tacoma, WA, May 1982.

Babbie, Earl R., Survey Research Methods. Wadsworth Publishing Co., Inc., Belmont, CA, 1973, 92-93.

Haber, Audrey. General Statistics. California: Addison-Wesley Publishing Co., 1973.

Holvey, David N. The Merck Manual, Twelfth edition. Merck and Co., Inc., Rahway, N.J., 1972.

Hospital Adaptation of ICDA, Vol. I, Tabular List. Commission on Professional and Hospital Activities, Ann Arbor, Michigan, Nov. 1968.

Isaac, Stephen, and Michael, William B. Handbook in Research and Evaluation. San Diego: Edits Publishers, 1982.

Levin, Richard I., and Kirkpatrick, Charles A. Quantitative Approaches to Management. New York: McGraw Hill, 1978.

Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death, Sixth Revision, Vol. I. World Health Organization, Geneva, Switzerland, 1948.

The International Classification of Diseases, 9th Edition, Clinical Modification, Vol. I, Diseases - Tabular List, Edwards Brother, Inc., Ann Arbor, Michigan, 1978.

Thompson, Frank J. Health Policy and the Bureaucracy: Politics and Implementation. (Cambridge: M.I.T. Press, 1981), 186.

Thompson, Margaret C. Health Policy: The Legislative Agenda.
(Washington, D.C.: Congressional Quarterly, Inc.,
1980), 2-3.

Williams, Stephen J., and Torrens, Paul R. Introduction to
Health Services. (New York: John Wiley and Sons,
1980), 27.

Periodicals

Ackart, R. S. "Fiberoptic Bronchoscopy in Outpatient Facilities." Archives of Internal Medicine, Vol. 143, No. 1, Jan. 1983, 30-31.

Altman, S. H. "The Cost of Ambulatory Care in Alternative Settings: A Review of Major Research Findings." Annual Review of Public Health. Feb. 1981, 117-143.

"American Society of Hospital Pharmacists Statement on the Formulary System." American Journal of Hospital Pharmacy, Vol. 40, No. 8. Aug. 1983, 1384-1385.

Amini, F. "A Controlled Study of Inpatient vs. Outpatient Treatment of Delinquent Drug Abusing Adolescents." Comparative Psychiatry, Vol. 23, No. 5. Sept.-Oct. 1982, 436-444.

Black, J. "Role of Ambulatory Care in Developing a Strategic Plan." The Journal of Ambulatory Care Management. Feb. 1983, 6.

Campbell, Norman A. "Legal Implications for the Community Pharmacist Distributing Nonprescription Drug Products." Pharmacy Practice, Vol. 4, No. 4, Fall 1981, 216-219.

Federa, R. Danielle. "Emerging Alternative Delivery System." Amherst Quarterly, Vol. 2, No. 1, Spring 1984, 2.

"Freestanding Facilities {Letter}." Annals of Emergency Medicine, Vol. 12, No. 3, Mar. 1983, 190-193.

Gossel, Thomas A. "O-T-C Drugs: The Trend to Self-Medication." U.S. Pharmacist, Vol. 6, No. 8, Sept. 1981, 14-24.

_____. "O-T-C Drugs: OTC Drug Products Review II." U.S. Pharmacist, Vol. 7, No. 5, May 1982, 22-26.

Gossel, Thomas A. "O-T-C: Nasal Decongestants." U.S. Pharmacist, Vol. 8, No. 11, Nov 1983, 38-80.

Greenberg, D. "Pharmaceutical Services Provided to Outpatients by United States Military, Public Health Service, and Veterans' Administration Hospitals." Military Medicine 141, May 1976, 307-315.

Hardigan, William D. "Distribution and Cost of Drugs in a Pharmaceutically Decentralized Health Maintenance Organization." Pharmacy Practice, Vol. 3, No. 1, Winter 1980, 23-30.

Holsomback, Thelma C. "Sales Warranties: OTC Drugs." U.S. Pharmacist, Vol. 8, No. 11, Nov 1983, 18-23.

Hood, Jerry C. "Characteristics of Outpatient Medications and Implications with Hospitalizations." Drug Intelligence and Clinical Pharmacy, Vol. 11, No. 6, June 1977, 362-365.

"How Many Rx's Do Physicians Write per Office Visit?" Pharmacy Times. Dec 1983, 24-26.

Jackson, M. A. "Long-Term Home Parenteral Nutrition." British Journal of Hospital Medicine, Vol. 29, No. 2, Feb 1983, 105-116.

Katz, C. "Free-Standing Treatment Centers." Postgraduate Medicine, Vol. 74, No. 2, Aug 1983, 291-294.

Koeningsberg, H.W. "A Comparison of Hospitalized and Non-hospitalized Borderline Patients." American Journal of Psychiatry, Vol. 139, No. 10, Oct. 1982, 1291-1297.

Rauch, T.M. "The Perceptions of Army Physicians and Nurses on the Relative Importance of Clinical Pharmacy Services." Military Medicine 147, May 1982, 391-395.

Rehm, S.J. "Home Intravenous Antibiotic Therapy: A Team Approach." Annuals of Internal Medicine, Vol. 99, No. 3, Sept. 1983, 388-392.

Resztak, Kenneth E. "A Survey of the Use and Educational Value of the Hospital Formulary Manual." Hospital Pharmacy, Vol. 14, No. 9, Sept. 1979, 534-542.

Rucker, T. Donald. "Formularies: Principles, Problems and Prognosis." Hospital Pharmacy, Vol. 17, No. 9, Sept. 1982, 460-461.

- Rucker, T. Donald. "Superior Hospital Formularies: A Critical Analysis." Hospital Pharmacy, Vol. 17, No. 9, Sept. 1982, 465-524.
- Sarkar, S. "Pain Centers: An Alternative for Management of Chronic Pain." Health Care Management Review, Vol. 7, No. 4, Fall 1982, 77-84.
- Schneeweiss, R. "Diagnosis Clusters: A New Tool for Analyzing the Content of Ambulatory Medical Care." Medical Care, Vol. 21, No. 1, Jan 1983, 105-122.
- Shields, C. "Analysis of Patient Load in a Military Outpatient Clinic." Military Medicine 141, July 1976, 459-467.
- "Statement of Guiding Principles on the Operation of the Hospital Formulary System." American Journal of Hospital Pharmacy, Vol. 21, Sept. 1964, 40-41.
- Stolar, M.H. "National Survey of Hospital Pharmaceutical Services - 1982." American Journal of Hospital Pharmacy, Vol. 40, July 1983, 963-969.
- Tenneville, M.W. "Marketing of a Military Ambulatory Surgical Center." Military Medicine, Vol. 147, No. 11, Nov. 1982, 963-966.
- "The Contemporary Hospital Formulary System {Editorial}." American Journal of Hospital Pharmacy, Vol. 21, No. 8, Aug. 1983, 1313.
- Wilson, R.A. "An Ambulatory Ventricular Function Monitor: Validation and Preliminary Clinical Results." American Journal of Cardiology, Vol. 52, No. 5, Sept. 1983, 601-606.
- Wuest, J. Richard. "O-T-C Drugs: How-and-Why Prescription Drugs Become OTC." U.S. Pharmacist, Vol. 7, No. 9, Sept. 1982, 22-27.
- _____. "OTC Review: The Changing OTC Market." U.S. Pharmacist, Vol. 7, No. 4, April 1982, 27-29.

Government Publications

U.S. Department of Commerce. Statistical Abstract of the United States, 1981, 102nd ed. Government Printing Office, Washington, D.C., 1981, 96-99.

U.S. Department of Health, Education, and Welfare. "The National Ambulatory Medical Care Survey: System Classification. Vital and Health Statistics, Series 2, No. 63. Public Health Service, Health Resources Administration, 1974, 1.

"A Reason for Visit Classification for Ambulatory Care" Vital and Health Statistics, Series 2, No. 78. Public Health Service, Health Resources Administration, 1979.

U.S. Department of the Army. Army Medical Treatment Facilities: General Administration. Army Regulation 40-2, Washington, D.C., 24 Jun. 1982.

Health Care Extenders. Army Regulation 40-48, Washington, D.C., 9 Jun. 1975.

Medical Records and Quality Assurance. Army Regulation 40-66, Washington, D.C., 15 Aug. 1982.

The Army Physical Security Program. Army Regulation 190-13, Washington, D.C., 21 Apr. 1975.

Physical Security for Storage of Controlled Medical Records. Army Regulation 190-50, Washington, D.C., 4 Mar. 1977.

U.S. Army Health Services Command. Medical Services, Ambulatory Patient Care. HSC Regulation 40-5, Fort Sam Houston, TX, 16 Jun. 1982.

Military Police, Key Control and Accountability. HSC Regulation 190-5, Fort Sam Houston, TX, 9 Feb. 1982.

Guidance on Credentialing and Prescription Privileges. HSC Pamphlet 40-1, Fort Sam Houston, TX.

Medical Services, Medical Logistics Policies and Procedures. HSC Supplement 1 to Army Regulation 40-61, Fort Sam Houston, TX, 22 Oct. 1982.

APC Publications. Fort Sam Houston, TX, 1 May 1981.

Headquarters Madigan Army Medical Center. Comprehensive Support Plan and Policy Guidance. MAMC Circular 40-5, Tacoma, WA, 18 Jun. 1982.

Ambulatory Patient Care. MAMC Supplement 1 to HSC Regulation 40-5, Tacoma, WA, 24 Jul. 1980.

Pharmacy Bulletin No. 1, FY 84. MAMC Pharmacy Service,
Tacoma, WA, 10 Mar. 1984.

Pharmacy Procedures. Department of Community Medicine
Standing Operating Procedure 40-2, Tacoma, WA, 1 Feb.
1984.

Supply Expense Control. Logistics Division Standing
Operating Procedure 710-1, Tacoma, WA, 1 Mar 1983.

Customer Assistance Manual. Logistics Division Stand-
ing Operating Procedure 710-2, Tacoma, WA, 1 Mar. 1983.

Interviews

Interview with Mr. H. C. Martin, Medical Records Clerk, Troop
Medical Clinic #1, Fort Lewis, WA 98431, 6 Oct. 1983.

Interview with Alton B. Peyton, M.C., Chief, Department of
Community Medicine, and Major Richard Griswold, Admin-
istrative Support Branch Officer, Department of
Community Medicine, Fort Lewis, WA 98431, 4 May 1984.